ESTIMATE OF THE COST OF

COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS

IN THE STATE OF MONTANA

AUGUST 1, 1960

PREPARED BY THE MONTANA HIGHWAY DEPARTMENT

IN COOPERATION WITH THE BUREAU OF PUBLIC ROADS

DEPARTMENT OF COMMERCE

IN ACCORDANCE WITH

SECTION 104 (b)(5), TITLE 23, U.S. CODE HIGHWAYS

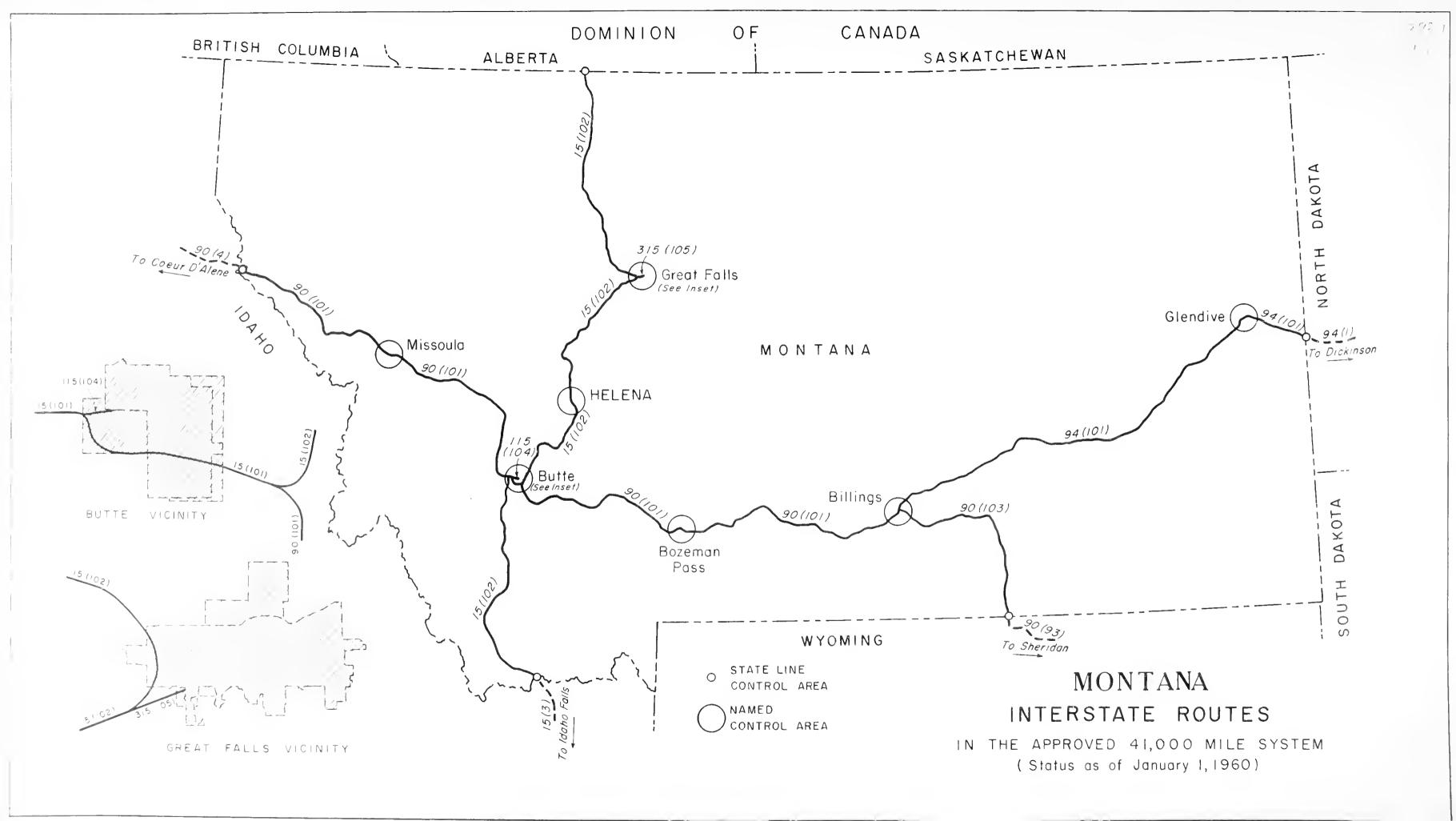


TABLE A

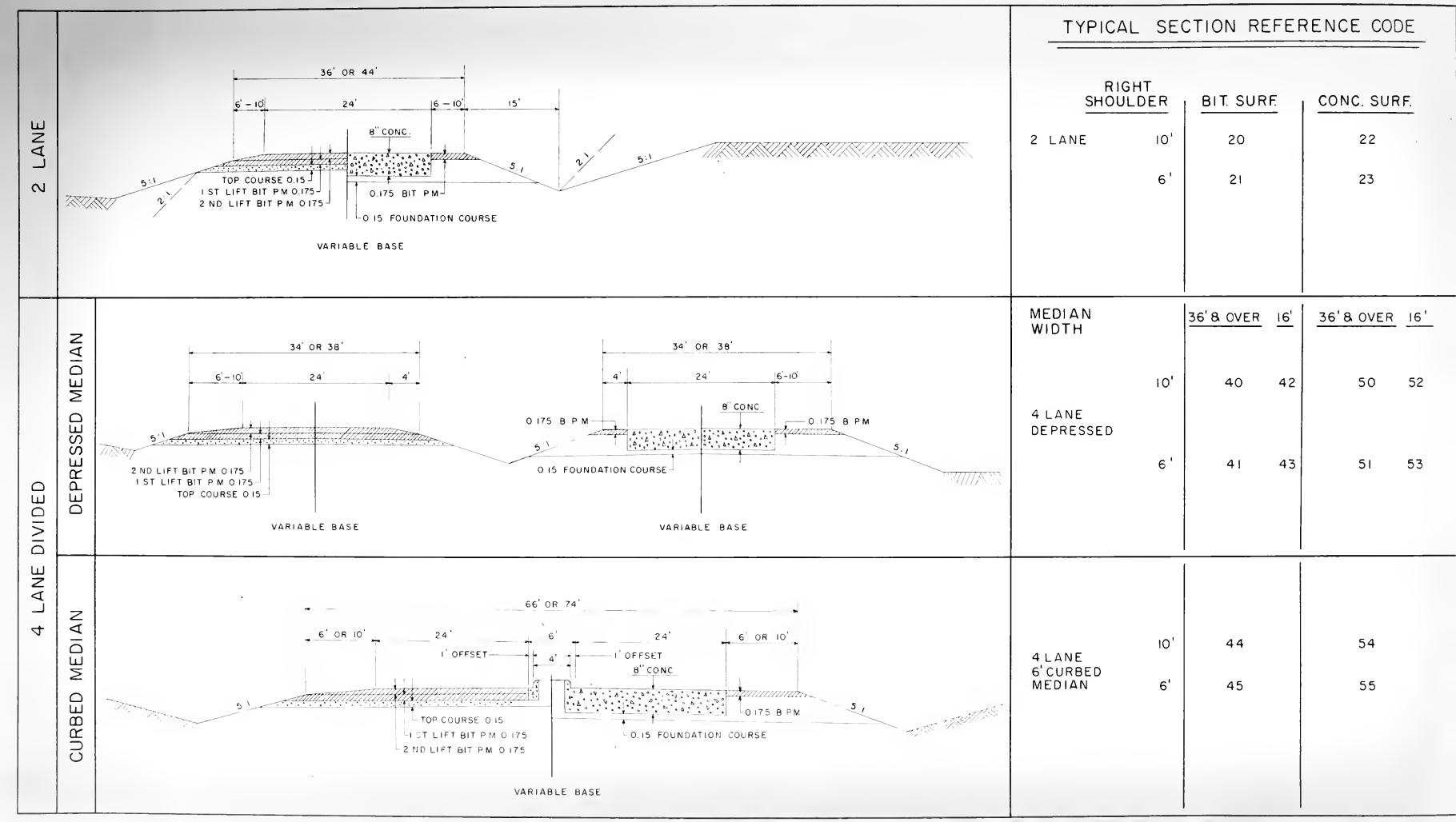
APPROVED	INTERSTATE	ROUTE	DESCRIPTIONS
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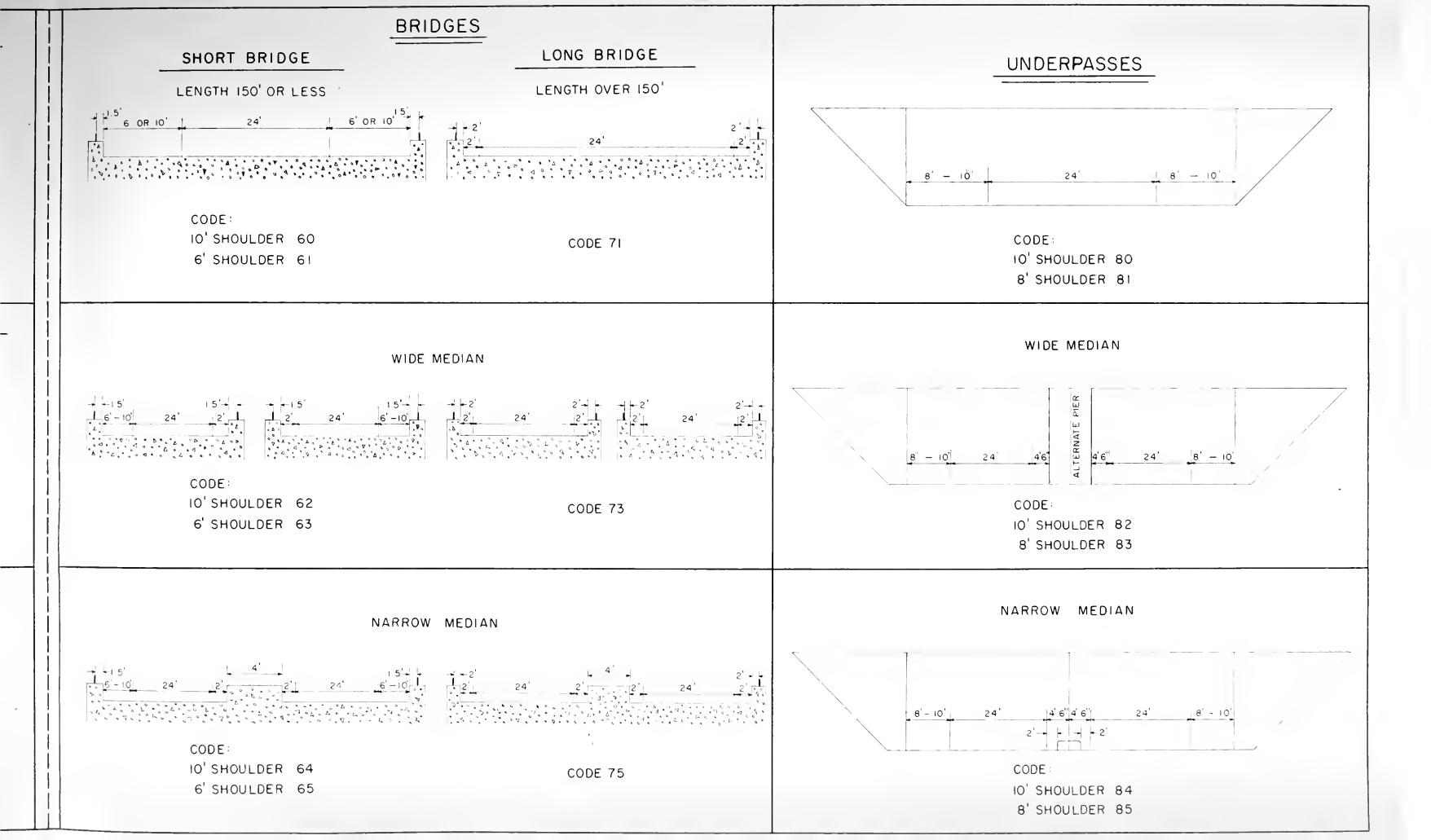
.	MONTANA
State	

Route Number		Route Identi-	Danie - Dageninė i au					
New	Old	fication Code	noute Description	Length, Miles				
15	102 101	1	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	387.0				
90	101-	1	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	542.8				
94	101	1	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	246.8				
115	104	ı	From a point on Interstate Route 15 west of Butte to Butte	1.4				
315	105	1	From a point on Interstate Route 15 southwest of Great Falls to Great Falls	1.0				
			TOTAL	1179.0				

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http://www.archive.org/details/estimateofcostof1960mont





	102	102	102	102	102	102	102	102	102	102	102	102	102	102
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
G1-G2	G2-G3	G3 - G4	G4-G5	G5-G6	G6 - G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G11.2	G11.2-G12	G12-G13	G13-G14
1.6	11.2	4.4	5.9	1.9	12.7	8.0	5.0	5.2	3.4	6.5	9.5	3.2	9.1	5.7
R N 576 1400 180 55% 15% 70	R E 576 1400 180 55% 15% 70	R E 614 1500 190 55% 15% 70	R E 614 1500 190 55% 15% 70	R N 614 1500 190 55% 15% 70	R E 543 1300 170 55% 15% 70	R N 691 1800 230 55% 15% 70 2	R N 691 1800 230 55% 15% 60 2	R E 691 1800 230 55% 15% 60 2	R E 719 1800 230 55% 15% 70 2	R N 1063 2700 350 55% 15% 70 2	R 085 1800 230 55% 10% 70 2	R N 673 1700 220 55% 10% 70 2	8 673 1700 220 557 10% 60 2	R N ol2 1600 210 55% 10% 60 2
1.6	11.2	3.7 0.7	5•9 -	1.2	12.7	8.0	5.0	5.2	3.4	5.5 1.0	9.5	3.2	9.1	5.7
20 300	20 250	20 260	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 3 0 0	20 300
300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
-	-	-	-	-	-	-	-	-	~	-	-	_	-	-
-	_	_	-	-	-	-	_	-	_	_	_	_	-	-
	1.6 R N 576 1400 180 55% 15% 70 2	G1-G2 G2-G3 1.6 11.2 R R R 576 576 1400 1400 180 180 55% 55% 15% 70 70 2 2 1.6 11.2	G1-G2 G2-G3 G3-G4 1.6 11.2 4.4 R R R R 576 576 614 1400 1400 1500 180 180 190 55% 55% 55% 15% 70 70 2 2 2 2 2 2 300 250 260 300 300 300 - - -	G1-G2 G2-G3 G3-G4 G4-G5 1.6 11.2 4.4 5.9 R R R R R N E E E E 576 576 614 614 614 1400 1400 1500 1500 190 190 55% 55% 55% 55% 55% 15% 15% 15% <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 1.6 11.2 4.4 5.9 1.9 R R R R R R N E E E N N 576 576 614<td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 1.6 11.2 4.4 5.9 1.9 12.7 R S 93 1300 1300 1300 1300 1300 170 170 170 15% 15% 15% 15% 15% 15%</td><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 R S 91 1300 1800 1800 190 190 190 170 230 256 256 55% 55% 55% 15% 15% 15%<!--</td--><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 R S 55 55 55 55 55 55<td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 R S S S S S S S S S S<</td><td>G1-02 G2-G3 G3-C4 G4-C5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 R S S S</td><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 R R R R R R R R R R R R R R R R R R R</td><td>G1-G2 G2-G3 G3-G4 G4-O5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.1-G11.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 R</td><td>G1-02 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 G10-G11.1 G11.1-G11.2 G11.2-G12 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 R</td><td>G1-G2 G2-G3 G3-G4 G4-G5 O5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.2-G12 G12-G13 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 9.1 R R R R R R R R R R R R R R R R R R R</td></td></td></td>	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 1.6 11.2 4.4 5.9 1.9 R R R R R R N E E E N N 576 576 614 <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 1.6 11.2 4.4 5.9 1.9 12.7 R S 93 1300 1300 1300 1300 1300 170 170 170 15% 15% 15% 15% 15% 15%</td> <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 R S 91 1300 1800 1800 190 190 190 170 230 256 256 55% 55% 55% 15% 15% 15%<!--</td--><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 R S 55 55 55 55 55 55<td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 R S S S S S S S S S S<</td><td>G1-02 G2-G3 G3-C4 G4-C5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 R S S S</td><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 R R R R R R R R R R R R R R R R R R R</td><td>G1-G2 G2-G3 G3-G4 G4-O5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.1-G11.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 R</td><td>G1-02 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 G10-G11.1 G11.1-G11.2 G11.2-G12 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 R</td><td>G1-G2 G2-G3 G3-G4 G4-G5 O5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.2-G12 G12-G13 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 9.1 R R R R R R R R R R R R R R R R R R R</td></td></td>	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 1.6 11.2 4.4 5.9 1.9 12.7 R S 93 1300 1300 1300 1300 1300 170 170 170 15% 15% 15% 15% 15% 15%	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 R S 91 1300 1800 1800 190 190 190 170 230 256 256 55% 55% 55% 15% 15% 15% </td <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 R S 55 55 55 55 55 55<td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 R S S S S S S S S S S<</td><td>G1-02 G2-G3 G3-C4 G4-C5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 R S S S</td><td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 R R R R R R R R R R R R R R R R R R R</td><td>G1-G2 G2-G3 G3-G4 G4-O5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.1-G11.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 R</td><td>G1-02 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 G10-G11.1 G11.1-G11.2 G11.2-G12 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 R</td><td>G1-G2 G2-G3 G3-G4 G4-G5 O5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.2-G12 G12-G13 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 9.1 R R R R R R R R R R R R R R R R R R R</td></td>	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 R S 55 55 55 55 55 55 <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 R S S S S S S S S S S<</td> <td>G1-02 G2-G3 G3-C4 G4-C5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 R S S S</td> <td>G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 R R R R R R R R R R R R R R R R R R R</td> <td>G1-G2 G2-G3 G3-G4 G4-O5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.1-G11.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 R</td> <td>G1-02 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 G10-G11.1 G11.1-G11.2 G11.2-G12 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 R</td> <td>G1-G2 G2-G3 G3-G4 G4-G5 O5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.2-G12 G12-G13 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 9.1 R R R R R R R R R R R R R R R R R R R</td>	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 R S S S S S S S S S S<	G1-02 G2-G3 G3-C4 G4-C5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 R S S S	G1-G2 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 R R R R R R R R R R R R R R R R R R R	G1-G2 G2-G3 G3-G4 G4-O5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.1-G11.2 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 R	G1-02 G2-G3 G3-G4 G4-G5 G5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 G10-G11.1 G11.1-G11.2 G11.2-G12 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 R	G1-G2 G2-G3 G3-G4 G4-G5 O5-G6 G6-G7 G7-G8.1 G8.1-G8.2 G8.2-G9 G9-G10 D10-G11.1 G11.2-G12 G12-G13 1.6 11.2 4.4 5.9 1.9 12.7 8.0 5.0 5.2 3.4 6.5 9.5 3.2 9.1 R R R R R R R R R R R R R R R R R R R

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	101	101	101	101	102	102	102
Route identification (Gode 1 of 2)	1	1	1	l	1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17	G17-G18.10	318.1-G18.2	2G18.2-G18.	G18.3-G19	G19-G20.1	G20.1-G20.2	G20.2-G20.	3G 20.3 - G20. ¹	G20.4-G21	G21-G22.1 C	322.1-G22.2	G22.2-G22.3
I T E M · 1. Section length, miles	3.3	5•5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	8.0	0.4	3.8	C.3	4.2
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 4. Lesign speed (V) 10. Number of through traffic lanes	R N 698 1800 230 55% 10% 60 2	R E 703 1800 230 55% 10% 50	R 780 1900 250 55% 10% 60 2	R N 780 1900 250 55% 10% 50	R E 775 1900 250 55% 10% 70 2	R E 825 2000 260 55% 10% 60 2	R E 825 2000 260 55% 10% 60 4	R E 1137 2800 360 65% 60 4	R E 4870 12500 1520 65% 76 60	U 14860 13300 1460 65% 60 4	R N 2090 5700 740 60% 8% 60	R 2090 5700 740 60% 60 4	R 1040 2700 350 55% 10% 50	1, 1040 2760 350 358 107 50	R 660 500 210 55% 10% 50
1. Mileage without frontage roads 1. Mileage with Frontage road one side only 13. Mileage with frontage road on both sides	3.3	5.5	9.9 0.3	4.4 0.3	1.0	1.7	1.0	1.0	3.5	4.1	0.8	0.17	3.8		4.2
14. Typical cross-section reference 15. might- f-wey width: minimum	20 300	45 300	20 300	¹ +0 300	20 300	20 300	40 260	40 260	40 300	50 300	50 180	50 200	55 300	55 300	45 300
prevailing	300	300	300	300	300	300	260	260	300	300	250	250	300	300	300
14. Median width: minimum	-	6	-	46	-	-	36	36	76	36	36	36	6		6
prevailing	-	6	-	46	-	-	36	36	76	36	36	36	6	6	6

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15
011111			

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	ı	1	1	l	1	l	1	1	l	l	1	1	1	1	1
Section	G22.3-G224	G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28.1-G28.2	G28.2-G28.3	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31.2	2 G31.2-G32
I T E M 1. Section length, miles	6.0	9•9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 660 1600 210 55% 10% 50	R N 660 1600 210 55% 10% 50	R N 801 2000 260 55% 10% 70 2	R E 801 2000 260 55% 10% 50 4	R E 1092 2800 360 55% 10% 60	R E 1110 2800 390 55% 10% 60	R E 1110 2800 390 55% 10% 60	R E 1225 3800 530 60% 12% 70	U N 1225 3800 530 60% 12% 60	U N 1225 3800 530 60% 12% 60	U 1400 4300 650 60% 12% 60	R N 1400 4300 650 60% 12% 70	R N 1018 3000 450 55% 12% 70	R E 1018 3000 450 55% 12% 50	R E 979 2800 420 55% 12% 50
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	6.0	9•9 - -	5.0 5.0	6.1	7.6 1.0	3.5 1.0	0.3	1.3	0.4	0.2	1.2	0.9 5.0	2.3	7.4	1.5
14. Typical cross-section reference 15. Right-of-way width: minimum	45 300	45 300	20 300	45 300	20 300	20 300	20 300	40 250	40 250	73 240	40 240	40 180	40 200	40 300	20 300
prevailing	300	300	300	300	300	300	300	250	300	240	240	250	200	300	300
16. Median width: minimum	6	6	-	6	_	_	-	46	46	46	46	46	46	46	-
prevailing	6	6	_	6	_			46	46	46	46	46	46	46	_

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STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	G32-H1	H1_H2	H2-H3	H3-H4	H4-H5	н5-н6	Н6-Н7.1	H7.1-H7.2	H7.2-H8	H8-H9.1	Н9.1-Н9.2	H9.2-H10	H10-H11	H11-H12	H12-H13
I T E M 1. Section length, miles	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	2.5
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 989 2800 420 55% 12% 60	R N 1043 3000 450 55% 12% 50	R N 904 2400 360 55% 12% 50	R N 914 2400 360 55% 12% 50 2	R E 940 2500 370 55% 12% 50	R E 940 2500 370 55% 15% 50	R N 940 2500 370 55% 15% 50	R E 940 2500 370 55% 12% 60	R E 1014 2700 400 55% 12% 60 2	R N 1014 2700 400 55% 12% 60	R N 1227 3300 490 55% 12% 70	R N 1227 3300 490 55% 12% 70 2	R N 1227 3300 490 55% 12% 70	1227 3300 490 55% 12% 70 2	R E -564 -200 630 55% 12% 60 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	5.0 1.0	7.2 1.1	4.5 1.5	1.8	3.6	2.8 2.0	2.4	1.5	2.2	1.3	0.7	4.0	2.9	5, 7	2.0
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	45 300	45 300	21 300	45 300	45 300	45 300	21 300	21 300	20 300	20 300	20 230	40 300	20 300	40 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	-	6	6	-	6	6	6	-	-	-	-	-	76	-	46
		6	6		6	6	6			†	1		76		1 46

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	15
		-	

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	H13-H14	H14-H15	H15-H16	H16-H17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H212	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-II
I T E M 1. Section length, miles	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1564 4200 630 55% 12% 70	R N 1564 4200 630 55% 12% 60	R N 1564 4200 630 55% 12% 60 4	U N 1400 4100 490 60% 15% 70	R N 3000 9300 1160 60% 10% 70	R N 3400 10000 1250 60% 10% 70	R N 3400 10000 1250 60% 10% 70	R E 1381 3700 480 55% 15% 60	R E 1157 3100 400 55% 15% 70 2	R E 1438 3800 490 55% 15% 70 2	R E 1182 3100 400 55% 15% 60	R E 1182 3100 400 55% 15% 70	R E 1160 3100 400 55% 15% 70 2	R L 1160 3100 400 55% 15% 70 2	R N ±383 3800 490 55% 15% 70 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	4.3	1.1	0.7	1.0	0.7	1.4	6.2 0.4 0.3	8.3 1.8	4.1 0.4 2.5	6.3 0.6 1.9	2.7	2.3	1.0	4 C 20	10.1
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	50 300	50 300	50 300	50 300	40 270	40 270	20 300	20 300	20 300	20 300	20 300	20 300	20 30 0	20 300
prevailing	300	300	300	300	300	270	270	300	300	300	300	300	300	300	300
16. Median width: minimum	•	46	46	46	46	46	46	-	-	-	-	-	•	-	-
		46	46	46	46	46	46				ì		1		

TABLE	В	_	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS	

STATE	MONTANA	NEW INTERSTATE ROUTE N	

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102		-	
Route identification (Code 1 of 2)	1	l	1	1	1	1	1	1	1	1	1	1			
Section	II-I2	12-13	I3-I4	I4 - I5	15-16.1	16.1-16.2	16.2-17	17-18.1	18.1-18.2	18.2-19	I9-I10	110-111	RURAL	URBAN	TOTAL
I T E M 1. Section length, miles	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1563 4300 560 55% 13% 70 2	R N 1013 2700 350 55% 15% 70 2	R N 1031 2700 350 55% 15% 60	R E 1031 2700 350 55% 15% 70 2	R N 1240 3300 430 55% 15% 60	R E 890 2300 300 55% 15% 70 2	R E 934 2400 310 55% 15% 70 2	R E 953 2400 310 55% 17% 70 2	R E 877 2200 290 55% 15% 70	R E 623 1600 210 55% 17% 60	R E 623 1600 210 55% 17% 60	R E 623 1600 210 55% 17% 70 4			
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	13.2	1.3	2.4	2.9 - 0.5	2.5 0.6 0.2	2.0	11.1 - -	3.1 1.0 6.0	4.2	0.8	3.5	0.5	322.4 45.6 11.9	6.9 0.2	329.3 45.8 11.9
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	40 300	20 300	40 260	20 300	20 300	20 300	20 300	20 210	40 240	40 240			
prevailing	300	300	300	300	300	300	300	300	300	250	260	240			
16. Median width: minimum	-	-	46	-	46	-	-	-	-	-	46	46		-	
prevailing			46		46						46	46			

Signatures: _		Date
	State: Name and Title	
		Date
-	BPR Division Engineer	

STATE Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	l	1	1	1	1	l	1	1
Section	G1-G2	G2-G3	G3=G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G11.	G11.2-G12	G12-G13	413-314
Section length, miles (O.1 mile)	1.6	11.2	4.4	5.9	1.9	12.7	0.9	5.0	5. 2	3.4	6.5	9.5	3.2	9.1	5.7
Class: Rural or Urban	R	R	R	R	ц	R_	R	H	R	k	R	R	R	н	Ĭ.
Location: Existing, new, or toll	N	F	E	E	N	E	11	N	E	E	N	N	N	N	5
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	22	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	23	23	22	22	23	23	23	23	23
WORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)									
l. Preliminary engineering				31	18	61									Landing
• Right-of-way				143	55	191	156	70	26	120	261	150	25	85	85
. Clear & grub; demolition								6	6	3	6			6	9
. Utility adjustments				8	1	42	5	9	9	13	6	3			3
. Grade & Drain; minor structures				139	90	263	215	162	388	57	246	174	227	397	236
. Base; surfacing; shoulders	50	352	138	330	112	829	424	265	276	180	352	449	151	430	302
. R.R. grade senarations															163
. Highway grade separations without ramps															
. Interchanges, complete				157	157	157	157				317	157			_⊃⊶
. Other bridges; tunnels							135	147	24		127			323	~ -
. Walls															
. Guardrail; fencing; lighting; traffic															
control devices				64	39	90	60	36	49	22	142	70	20	73	~5
. Roadside improvement	5	32	13	17	5	36	43	14	15	10	18	27	9	26	35
. All other items															
. Subtotal, lines 3 to 14	55	384	151	715	404	1417	1039	639	767	285	1214	880	407	1255	959
. Construction Engineering & Contingencies,	~	0.4													
10% of line 15	5	38	15	72	40	142	104	04	77	28	121	88	41	120	46
• Total Estimated Cost	60	422	166	961	517	1811	1299	773	870	433	1596	1118	473	1466	1182

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	1 200	3.00	100	102	102	102	102	102	102	102	102	102	1.00	100	102
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1 1	1	1	1	1	1	1	1	1	1	1
Section	G14-G15	G15-G16	G16-G17			G18.2-G183				G20.2-G203			G21-G22.1		32322.3
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	0.8	0.4	3.8	0.3	4.4
Class: Rural or Urban	R	ਮ	R	R	l ll	R	R	R	H	U	ц	ಗ	ત	.1	
Location: Existing, new, or toll	N	Е	N	N	E	E	E	Ξ	Ł	IV.	M	V.	N	N	
No. Lanes to be constructed this estimate		4	2	4	2	2	4	4	4	4	4	4	4	4	
No. through traffic lanes	2	4	2	4	2	2	4	4	4	4	4	4	4	4	~,
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	23	4)
WORK CLASSIFICATION			ES'	TIMATED CO	OSTS (1,000	Dollars)									
										_					
1. Preliminary engineering	10	57	56	51	15				38	19	3	4		6	35
2. Right-of-way	51	51	120	85	20				75	1470	10	12	181	2	51
3. Clear & grub; demolition														1	- ~
4. Utility adjustments	1	8	3	10	1					275	18	1	23	1	41
5. Grade & Drain; minor structures	43	427	473	403	56					415	178	73	1745	57	1117
6. Base; surfacing; shoulders	175	582	54.3	443	71				199	303	166	83	822	0.5	12
7. R.R. grade separations	~~									724			110		
8. Highway grade separations without ramps										150	70	106	96		
9. Interchanges, complete		207	169	259	157		_ -		483	698		248			405
10. Other bridges; tunnels									_						*** ****
ll. Walls					_~										
12. Guardrail; fencing; lighting; traffic		}													
control devices	20	78	93	56	57	1		11	126	399	40	128	73	0 .	Pro-
13. Roadside improvement	10	16	29	14	4	5	3	1 4	10	12	2	1	11	1	12
14. All other items									75			~-			
15. Subtotal, lines 3 to 14	249	1318	1310	11.85	346	6	3	15	893	2976	474	640	2880	131	1965
16. Construction Engineering & Contingencies,															
10% of line 15	25	132	131	118	34		1	2	89	297	47	64	288	13	to the state of th
17. Total Estimated Cost	335	1558	1617	1439	415	6	4	17	1095	4762	534	720	3349	152	~_*.

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STATE Montana

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	22.3-G22.4	G22.4-G23	G23-G24	G24-G25		1626.1 - 026.2	G26.2-G27		G28.1-G28.2	C28.2-G28.3	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31.2	331.2-332
Section length, miles (0.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2.2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	ਜ਼	ત	R	R	U	U	Ū		iţ	तं	d
Location: Existing, new, or toll	N	N	N	E	E	2	E	Li Li	N	N	N	N	N	L	2
No. Lanes to be constructed this estimate	e 4	4	2	4	2	2	2	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	2	4	2	2	2	4	4	4	4	4	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	22	22
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,00	O Dollars)		•							
				1		1	1					1			
1. Preliminary engineering	251	369	36	114	~-			19	3		12	29	3	43	4
2. Right-of-way	44	73	154	128	327	345	23	169	31		104	452	176	97	<0
3. Clear & grub; demolition	36	119	-~	6	13		1							9	
4. Utility adjustments	29	49	7	41	73	48	3	96			30	12		2	
5. Grade & Drain; minor structures	5013	6916	210	1552	533	210	28	109	81		107	348	79	1454	27
6. Base; surfacing; shoulders	635	1048	259	704	414	221	16	263	46		139	806	267	733	84
7. R.R. grade separations						87		_							
8. Highway grade separations without ramps		129	62		62						60	103			
9. Interchanges, complete			158	205	158	158		361			182	165		252	
10. Other bridges; tunnels		123	53		25							58	43		No. 110
11. Walls				i											
12. Guardrail; fencing; lighting; traffic										[
control devices	104	178	63	113	81	75	5	171	20	6	125	47	14	67	9
13. Roadside improvement	17	28	15	28	25	13	1	6	1		3	17	7	11	h-p.
14. All other items														37	
15. Subtotal, lines 3 to 14	5834	8590	827	2649	1384	812	54	1006	148	6	646	1556	410	2505	184
16. Construction Engineering & Contingencies,		1 470	40	2/5			,								. 3
10% of line 15	584	859	83	265	138	81	6	101	15	1	65	156	41	256	18
17. Total Estimated Cost	6713	9891	1100	3156	1849	1238	83	1295	197	7	827	2193	635	2901	226

STATE	Montana	

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	102
Section Code 1 of 2 7	G32-H1	H1-H2	H2-H3	Н3-Н4	H4-H5	Н5-Н6	H6-H7.1	H7.1-H7.2	H7.2-H8	H8-H9.1	H9.1-H9.2	H9.2-H10	H10-H11	H11-H12	H14-H13
Section length, miles (0.1 mile)	6.0	8.3	6.0	3.8	3.6	4.8	2.4	1.5	2.5	5.0	1.7	4.0	2.9	5.4	4.0
Class: Rural or Urban	R	R	R	R	R	R	R	R	К	R	R	R	R	R	
Location: Existing, new, or toll	E	N	И	N	Ε	E	N	E	E	N	N	N	11	N	
No. Lanes to be constructed this estimate	2	4	4	2	4	4	4	2	2	2	2	2	4	2	lig.
No. through traffic lanes	2	4	4	2	4	4	4	2	2	2	2	2	4	2	
Finance code	22	23	23	23	22	22	23	22	22	23	23	23	23	23	24
WORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)	1	•	4	•		,			
			1												
1. Preliminary engineering	14														.0
2. Right-of-way	78	208	151	95	90	120	125	79	110	220	65				444
3. Clear & grub; demolition		50	18	3											
4. Utility adjustments	5	105	7	3	8	3	4	5	8	5	4				Ţ
5. Grade & Drain; minor structures	192	1737	1192	825	576	1961	1055	184	413	651	138				55
6. Base; surfacing; shoulders	291	739	716	195	507	608	280	71	121	312	104				4,52
7. R.R. grade separations		523		85			194								
8. Highway grade separations without ramps			54	70		108				42					
9. Interchanges, complete	166	402		268	252	252		198	126	134	142				
10. Other bridges; tunnels		549		487			709	44					~-		
11. Walls															
12. Guardrail; fencing; lighting; traffic								}							
control devices	64	211	79	86	93	110	78	28	27	37	16				_5
13. Roadside improvement	17	26	17	11	20			4	7	14	5	8	4	15	~
14. All other items															
15. Subtotal, lines 3 to 14	735	4342	2083	2033	14,56	3042	2320	534	702	1195	409	8	4	15	231
16. Construction Engineering & Contingencies,															
10% of line 15	74	434	208	203	146	304	232	53	70	120	41	1	0	1	-3
17. Total Estimated Cost	901	4984	2442	2331	1692	3466	2677	666	882	1535	515	9	4	10	503

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STATE Montana

	100	100	100	102	100	102	102	102	102	102	102	102	102	102	100
Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	<u> </u>	1	1	1127 1126	1120 1120	1	<u> </u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u> 	1 1	1	11100 3 1100 5	1	1	<u> </u>
Section	H13-H14	H14-H15	H15-H16	H16-H17	H17-H18	H18-H19	H19-H20		H21.1-H21.2		H22-H23.1	H23.1-H23.2			H25-Il
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	Е	N	N	N	N	N	N	E	E	E	Е	E	_ E	Е	Ξ
No. Lanes to be constructed this estimate		4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
1. Preliminary engineering	28												ļ -		
2. Right-of-way	72	25	152	260	368			141	98	136	42	35	15	43	296
3. Clear & grub; demolition															
4. Utility adjustments	6	37	12	58	8			5	39	33	4	7	2	23	27
5. Grade & Drain; minor structures	122	99	34	84	87			291	147	117	50	22	18	41	266
6. Base; surfacing; shoulders	273	314	145	254	377			579	432	362	151	86	56	157	756
7. R.R. grade separations					274							_	-		129
8. Highway grade separations without ramps			90	108	108			135							43
9. Interchanges, complete	166	110	257	205	138			170	163	363					503
O. Other bridges; tunnels		~-		546							126				
1. Walls															
2. Guardrail; fencing; lighting; traffic								1							
control devices	37	34	150	169	89	1	46	83	54	75	17	25	6	17	112
3. Roadside improvement	12 37	4	2	3	5	<u></u>	19	49	20	25	8	6	3	8	37
4. All other items	37				<u></u>										
5. Subtotal, lines 3 to 14	653	598	690	1427	1086	5	65	1312	855	975	356	146	85	246	1873
6. Construction Engineering & Contingencies.					1 2000					1		140		~40	20,7
10% of line 15	65	60	69	143	109	~	7	131	85	97	35	15	9	25	187
7. Total Estimated Cost	818	683	911	1830	1563	5	72	1584	1038	1208	433	196	109	314	2350

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STATE	Montana

NEW	INTERSTATE	ROUTE	NO.	15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102			
Route identification (Code 1 or 2)	1	l	1	1	1	1	1	1	l	l l	l	1	Sub	otal	Total
Section	I1 - I2	I2 - I3	13 - 14	I4 - I5	15 - 16.1	16.1-16.2	16.2-17	17 - 18.1	I8.1-I8.2	18.2-19	19-110	I10-I11	Rural	Urban	For doute
Section length, miles (0.1 mile)	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387.0
Class: Rural or Urban	R	R	R	R	К	R	Ħ	R	R	R	R	R			
Location: Existing, new, or toll	N	N	N	E	N	E	E	E	E	E	E	E			
No. Lanes to be constructed this estimate	2	2	4	2	4	2	2	2	2	2	4	4			
No. through traffic lanes	2	2	4	2	. 4	2	2	2	2	2	4	4			
Finance code	23	23	23	22	23	22	22	22	22	22	22	22			
NORK CLASSIFICATION			EST	IMATED CO	STS (1,000	Dollars)			-						
1. Preliminary engineering		ı	9	2									1409	34	_443
2. Right-of-way	261	20	5ĺ	51			116	106		16	346	49	7837	1865	9702
3. Clear & grub; demolition													343		343
4. Utility adjustments	7	2	12	41			1	78		l	2	14	1065	363	1428
5. Grade & Drain; minor structures	541	139	746	49	4		156	313		24	336	11	36299	687	35986
6. Base: surfacing; shoulders	827	73	344	198	4		621	679		47	347	49	24624	742	25366
7. R.R. grade senarations	123												1688	724	2412
8. Highway grade separations without ramps	36			108				123					1545	318	1863
1. Interchanges, complete	317		125				316	158	<u>-</u> -			213	9390	1085	10475
10. Other bridges; tunnels	100		679										3752	546	4298
ll. Walls															
12. Guardrail; fencing; lighting; traffic	ļ														
control devices	111	8	31	21	136	3	90	73	15	5	21	28	4506	719	5225
13. Roadside improvement	62	3	10	10	9	7	32	29	12	2	10	1	1144	19	1163
14. All other items					37	37							223		223
15. Subtotal, lines 3 to 14	2124	225	1947	427	190	47	1216	1453	27	79	716	316	84579	5203	89782
16. Construction Engineering & Contingencies,	212	22	195	43	19	5	122	145	3	g	72	32	8457	521	3278
17. Total Estimated Cost	2597	268	2202	523	209	52	1454	1704	30	103	1134	397	102282	7623	139905

Signatures:			Date
	State: N	lame and Title	
			т.

BPR Division Engineer

Sheet 1 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	102	102	102	1.02	102	102	102	102	102	102	102	1.02	102	102	102
Route identification (Code 1 or 2)	1	1 1	7	1	1 7	1	1	7	7	7	1	7	1	1 7	7
Section Section	G1-G2	G2-G3	G3-G4	G4-G5	G5-G6	G6-G7	G7-G8.1	G8.1-G8.2	G8.2-G9	G9-G10	G10-G11.1	G11.1-G112	G11.2-G12	G12-G13	G13-G14
Section length, miles (0.1 mile)	1.6	11.2	4.4	5.9	1.9	12.7	8.0	5.0	5.2	3.4	6.5	9.5	3.2	9,1	5 ',
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	<u>}</u> [11	E	N	N	E	E	iI	N	11	* 7	N
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	23	23	22	22	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars	AND NUMBER	OF STRUCTU	RES					
Item No. from												1			
Table C															
7. R.R. grade separations Cost		-	-	-	 	-	 -	-			-	_	_		163
No. for which costs estimated	_	-	_	-	-	_	-	-	-	-	-	-	_		1
No. in service - cost = zero	1	_	1	_	-	_	j -	-	_	-	_	_	-	_	_
No. in authorized status - cost = zero	-	-	_	_	-	_	-	-	-	-	_	_	-	_	_
8. Highway grade separations without															
ramps Cost			-	-						-	_	_	-	-	-
No. for which costs estimated	-	_	_	_	-	_	_	_	-	-	_	-	_	_	
No. in service - cost = zero	-	_	-	_	-	-	-	-	-	-	-	-	_	_	
No. in authorized status - cost = zero	-	_	-	-	_	_	_	-	_	-	-	-	-	-	_
9. Interchanges, complete Cost	_	_	_	157	15%	157	157	_	-	~	317	157	_	-	164
No. for which costs estimated	_	_	-	1	1	3.	1	_	_	_	2	1	_	-	7
No. in service - cost = zero	1	_	1	_		_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	-	-	_	_	_	-	-	_	_	-		-	_	_	-
10. Other bridges: tunnels Cost	_	_	_	_	_	_	135	147	24	_	127	_	_	ر در	-
No. for which costs estimated	_	_	_	_		_	2	2	1	_	2	_	_		_
No. in service - cost = zero	_	_	_	_	_	_				_		_	_	_	_
No. in authorized status - cost = zero	-	-	_	_	_	_	_		_	_	_	_	-	-	-
Total structures Cost		_	_	157	157	157	292	147	24	_	444	15.	_	32:	32
No. for which costs estimated		_	_	7	1	1	3	2	7	_	4	7	_	-	2
No. in service - cost = zero	2	_	2							_			_	_	
No. in authorized status - cost = zero	-	_	_	_			_		_	_			_	_	_
2000 2010	-		_		_	_	_		_	_	-	_	_		

Sheet 2 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	102	102	102 ·	102	102	102	102	1.02	101	101	101	101	102	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	7	7	1	1	102
Section	G14-G15	G15-G16	G16-G17	G17-G18.1	G18.1-G182	2G18.2 -G18.3	G18.3-G19	G19-G20.1	G20.1-G20.2	G20.2-G20.3	G20.3-G204	G20 /-G27	G21-G22 1	G22 1-022 2	022 2 025
Section length, miles (0.1 mile)	3.3	5.5	10.2	4.7	1.3	1.7	1.0	1.5	3.5	4.1	0.8	0.4	3.9	0.3	
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	T.	R	R	3	P	2
Location: Existing, new, or toll	N	E	N	11	E	E	E	E	E	N	11	N	11	, i	NT
No. Lanes to be constructed this estimate	2	4	2	Į.	2	2	4	4	4	4	L. E.	4	4	7	,
No. through traffic lanes	2	4	2	4	2	2	1	4	4	4	4		2.	2	1 2
Finance code	23	22	23	23	22	22	22	22	22	23	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
em No. from Table C															
7. R.R. grade separations Cost		_	-	_	_	_	_			724	_	_	110	_	_
No. for which costs estimated	_		_	_	_	_	_	_	_	3	_		1		_
No. in service - cost = zero	_	-	_	_	_	_	_	_	1	_	_	_	_		_
No. in authorized status - cost = zero	_	-	_	-	_	_	_	1.	_	_	_	_	_	_	_
8. Highway grade separations without						-		ļ							
ramps Cost				_	_	_			_	150	70	106	96		_
No. for which costs estimated	_	_	_	_	_	_	-	_		2	1	1	1	_	_
No. in service - cost = zero	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_
No. in authorized status - cost = zero	-	-	-	_	_	-	_	-	-	-	_	_	_	-	_
9. Interchanges, complete Cost	_	207	1.69	259	1.57	_	_	_	483	698	_	248	_	_	205
No. for which costs estimated		7	1	1	1	_	_		2	3		7			7
No. in service - cost = zero	_		<u>.</u>			_		_		_			_		_
No. in authorized status - cost = zero	-	_	_	_	_	_	_	1	-	_	-	_	_		_
O. Other bridges: tunnels Cost	_	_	_	_	_	_	_	_	_	_	_	_			
No. for which costs estimated					_				-						
No. in service - cost = zero	_		_	_	_	_			_	_	_	_		_	_
No. in authorized status - cost = zero	-	_	_	_	_	_	-		_		_	_	_	0.00	_
Total structures Cost	_	207	169	259	157	_	_	_	483	1572	70	354	20c		205
No. for which costs estimated		~~,	1	2	···-	 	 		+						207
No. in service - cost = zero	-		7-	7.	1	_	_	-	2	8	<u>1</u>	2	2	_	1
No. in authorized status - cost = zero	-	-	_	-	_	_	-	-	1 1	-	-	_	_	_	_
no. In authorized status - cost = zero	_	-	_	-	_	-	_	2	-	-	-	_	_		_

Sheet 3 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	102	102	102	102	102	102	1.02	102	102	102	102	102	102	102	102
Route identification (Code 1 or 2)	1	1]	1	1	11	1	1	1	1	1	1	1].]_
Section	G22.3-G22.	4G22.4-G23	G23-G24	G24-G25	G25-G26.1	G26.1-G26.2	G26.2-G27	G27-G28.1	G28,1-G28.2	G28,2-C28,	G28.3-G29	G29-G30	G30-G31.1	G31.1-G31	2G31.2-
Section length, miles (0.1 mile)	6.0	9.9	5.4	7.1	8.6	4.5	0.3	2,2	0.4	0.2	1.2	5.9	2.3	7.4	1.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	Ų	U	IJ	R	P	R	R
Location: Existing, new, or toll	N	N	N	E	E	E	E	E	N	N		N	11	E	E
No. Lanes to be constructed this estimate	e 4	4	2	4	2	2	2	4	4	4	4.	4	4	4	2
No. through traffic lanes	4	4	2	4	2	2	2	4	4	4	4	2	4	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	22	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
No. from									1						!
R.R. grade separations Cost	_	_	_	_	_	87	_	_	_	_	_		_	_	
No. for which costs estimated		_			_	1	 	_	 	_				-	_
No. in service - cost = zero	_	_	_	_	_		_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	_	_	_	_			_	_		٦	_	_	_	_	_
Highway grade separations without															
ramps Cost	_	129	02	_	62	_		_	_	_	60	103	_		
No. for which costs estimated	_	1	1		7			-		<u></u>	7	1	-	 	
No. in service - cost = zero	_			_		_	_	_ _	_	-	1		_	_	-
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_		_		_		
								_	-	_	_				
Interchanges, complete Cost	:		158	205	158	1.58	-	361	_	_	182	105		2 €, =	-
No. for which costs estimated	_	_	7	7	7	1	_	1	_	-	1	1	-		-
No. in service - cost = zero	_	_		_			_	-	_	-	-	_	-	-	-
No. in authorized status - cost = zero	_	_	_	_	_	_	_	-	-	-		_	-	_	-
Other bridges: tunnels Cost	_	123	53	_	25	_	_		_	_	_	58	43	_	_
No. for which costs estimated	_	7	7		1	_	_	_	_		-	2	-		_
No. in service - cost = zero	_	_	_	_		_		_		_		£			
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		
								_	_	_		_			
Total structures Cost		252	2'13	. 205	245	245		361	-	-	242	320	43	272	_
No. for which costs estimated	_	2	3	1	3	2	_	1	_	_	2	4	1		_
No. in service - cost = zero	_	_	_	_	_	_	_	-	_	-	_	_	_	-	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_		-]	_	_	_	_	_

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. ______15

	102	102	102	102	102	102	102	1.02	1.02	102	1.02	1.02	102	102	102
Old Interstate route number	102	102	7	7	1	1	1	1	1	1	1	1	1	1	1
Route identification (Code 1 or 2)	G32-H1	111-112	H2-H3	H3 - H4	H4-H5	Н5-Н6	116-117.1	H7.1-H7.2	H7.2-H8	118-119.1	Н9.1-Н9.2	H9.2-H10	H10-H1.1	H11H12	H12-H13
Section	6.0	8.3	6.0	3.6	3.6	4.8	2.4	1.5	2.5	5.0	7 1/	4.0	2.9	5.4	2.6
Section length, miles (0.1 mile)	D.0	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Class: Rural or Urban	T.	11	11	11	T	E	11	177	77	1.1	l T	1	4.7	1.7	E
Location: Existing, new, or toll	2	13		2)	1 7	1	2	2	2	2	2	4	2	Z
No. Lanes to be constructed this estimate	~~~	+		2	1	1	1.	2	2	2	2	5	1	2	4
No. through traffic lanes	22	23	22	23	22	22	23	22	22	23	23	23	23	2	22
Finance code	22	23						AND NUMBER			~/	(-)	~/		Prof to
WORK CLASSIFICATION					ESTIMATED.	00515 (1,0	oo bollare,	KND NORDER	or Sinogro	ليوااا					
Item No. from Table C															
	_	523	_	85	_	-	194	_	-	_	-	_	_	_	_
7. R.R. grade separations Cost No. for which costs estimated	-].	_]	-	-	1	_	_		_	_	_	_	-
No. in service - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	_		_	_	_	_	_	_	1 _		-	_	_	_	_
8. Highway grade separations without								}		1					
8. Highway grade separations without Cost	_	_	54	7.0	_	1.08	_	_	_	42	_	_	_	_	_
1 811100			1	1		7	 		-	1	-	_	_		_
No. for which costs estimated	_	_			_	_	_			_	_	_	_	_	_
No. in service - cost = zero	_			_	_	_	_	_	_		_	_	_	_	_
No. in authorized status - cost = zero	-	_	_					_		-					
9. Interchanges, complete Cost	.00	402	~	205	252	202	-	j 98	120	134	1/2	-	-		-
No. for which costs estimated	1].	_	7	1_	1	_]	j	1]	-	_	-	i —
No. in service - cost = zero	_	_	_	_	_	_	_	_	-	_	-	_	_		_
No. in authorized status - cost = zero	-	-	-	-	-	-	-	_	-	-	_	_	_	_	
10. Other bridges: tunnels Cost		549		407	_	_	700	4/4				_	-		_
No. for which costs estimated		?	_	3	_	_	1	:	_	-	-	-	_	-	_
No. in service - cost = zero	_		_	1 _	_	_	_	_	_	_	-	-		-	_
No. in authorized status - ccst = zero	_	_	_	_	-	_	-	_	-	-	_		_		_
Total structures Cost	1.00	1474	54	c 0	252	300	903	2/2	120	176	1,42	_	_	-	_
	1 1	5	1	Ü	I	2	2	2	1	2	٦	_	_	_	_
No. for which costs estimated			1						_	-	_	_	1		_
No. in service - cost = zero	_	-	_	-	_	_	_	-	_	_		_			_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	-	_	_			
				1					1		1		J	1	L

Sheet <u>5 of 6</u>

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate routs number	102	102	102	102	102	102	102	102	102	102	102	102	1.02	102	102
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	7	1
Section	H13-H14	H14-H15	H15-H16	н16-н17	H17-H18	H18-H19	H19-H20	H20-H21.1	H21.1-H21.2	H21.2-H22	H22-H23.1	H23.1-H23.2	H23.2-H24	H24-H25	H25-T1
Section length, miles (0.1 mile)	4.3	1.5	0.7	1.2	1.7	1.4	6.9	10.1	7.0	8.8	2.7	2.3	1.0	2.8	13.1
Clasa: Rural or Urban	R	R	R	U	R	R	R	R	R	R.	R	R	. R	R	R
Location: Existing, new, or toll	E	N	N	И	N	N	N	E	E	E	E	E	E	E	N
No. Lanes to be constructed this estimate		4	4	4	4	4	4	2	2	2	2	2	2	2	2
No. through traffic lanes	2	4	4	4	4	4	4	2	2	2	2	2	2	2	2
Finance code	22	23	23	23	23	23	23	22	22	22	22	22	22	22	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	OO Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C															
7. R.R. grade separations Cost		_		_	274					_	-	_		_	129
No. for which costs estimated	_	-	-	_	1	-	-	-	-	-		-	_	-	1
No. in service - cost = zero	-	-	_	-	-	-	_	-	-	_	_	_	-	-	-
No. in authorized status - cost = zero	-	_	-	_	-	_	-	-	_	–	_	-	_	_	_
8. Highway grade separations without]									
ramps Cost			90	108	108		_	135	_	-	_		_		43
No. for which costs estimated	-	-	1	1	1	_	_	2	_	_	_	-	_	_	1
No. in service - cost = zero	_	-	_	_	_	_	_	_	_	_	-	_	-	j –	_
No. in authorized status - cost = zero	-	-	-	_	-	1	1	-	_	-	-	-	-		-
9. Interchanges, complete Cost	166	110	257	205	138	_	_	170	163	363	_	_	_	_	503
No. for which costs estimated	1	1	1	1	-	_	_	1	1	2	_	_	-	_	3
No. in service - cost = zero	_	_		_	_	_	_	_	_	_	_	_	_	_	_
No. in authorized status - cost = zero	_	-	-	-	_	-	2	-	-	-	-	-	-	_	-
10. Other bridges: tunnels Cost	_		-	546	_	_	_	_	_	_	126	_	_		_
No. for which costs estimated	_	_		1	_	_	_	_	-	-	1	_	_	_	_
No. in service - cost = zero	_	- 1	_	_	_	_	_	_	-	_		_	_	_	_
No. in authorized status - cost = zero	-	-		-	_	-	-	-	-	-	-	-	-	_	_
Total structures Cost	166	110	347	859	520	_	_	305	163	363	126	_	_	_	675
No. for which costs estimated	1	1	2	3	2	 _		3	1	2	1	_	_	_	5
No. in service - cost = zero	_	_	-		_	-	_		_	_		_	_	_	_
No. in authorized status - cost = zero	_	-	_	_	_	1	3	_		_	_	_	_		_
						_									
											1				

Sheet 6 of 6

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. ____15

Old Interstate route number	102	102	102	102	102	102	102	102	102	102	102	102	\geq		
Route identification (Code 1 or 2)	1	1	11	1	1	11	1	1	1	1	1	1		total	Tot
Section	I1-I2	I2-I3	I3-I4	14-15	I5-I6.1	16.1-16.2	I6.2-I7	I7-I8.1	I8.1-I8.2	I8.2-I9	I9-I10	I10-I11	Rural	Urban	For R
Section length, miles (0.1 mile)	14.6	1.3	3.4	3.4	3.3	2.3	11.1	10.1	4.2	0.8	3.5	0.5	379.9	7.1	387
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	$\geq \leq$		7
Location: Existing, new, or toll	N	NN	N	E	N	E	E	E	E	E	E	E			
No. Lanes to be constructed this estimate		2	4	2	4	2	2	2	2	2	4	4	\geq		
No. through traffic lames	2	2	4	2	4	2	2	2	2	2	4	4	$\geq \leq$		
Finance code	23	23	23	22	23	22	22	22	22	22	22	22			
WORK CLASSIFICATION					ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES										
No. from able C							ŧ.				İ				
R.R. grade separations Cost	123	_	_	_	_	_	_	_	_	_	-	_	1688	724	2.
No. for which costs estimated	1	_	_	 -	_	_	_	_	_		_	_		164	
No. in service - cost = zero	_	_		_	_	_	_	_	_	_	_		9	3	
No. in authorized status - cost = zero	_			_	1	_	_			_	_	-	3	_	
Highway grade separations without	_	-	_	_	1	_	_	_	1 1	_		_	3	1	
ramps Cost	36	_	_	108	_	_	_	123	_	_	_		1545	318	1 15
No. for which costs estimated	1		+	1		 	_	2	-					210	1
No. in service - cost = zero	1	_	_		_	_	_	_~	_	-	_	_	20	4	
No. in authorized status - cost = zero	_	_	_	_	_	_	_ _	_	-	-	_	_	-		
no. In additized status - cost - zero	_	_	_	_	_	_	_	_	-	-	_	_	2	_	
Interchanges, complete Cost	317	_	125	_	_	_	316	158	-	-	-	213	9390	10/35	10
No. for which costs estimated	2	_	1		_	_	2	1	_	_	_	1 1	49		
No. in service - cost = zero	_	_	_	_	-	_	-		_	_	_	_	3	_	
No. in authorized status - cost = zero	-	-	_	_	1	-	_	-	1	-	_	-	5		
Other bridges: tunnels Cost	100	_	679	_	_	_	_	_	_	_	_	_	3752	540	42
No. for which costs estimated	2	_	7	_			_	_	-	_		_	26	7	
No. in service - cost = zero		_		_	_	_	_	_		_	_		7	_	
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		
Total structures Cost	576	_	304	108	_	_	316	281	_	_	_	213	16375	2373	190
			1			 	 	 	 			1			+
No. for which costs estimated	6	_	2	1	_	-	2	3	-	~	-	1	104	13]
No. in service - cost = zero	_	_	-	_	_	-	-	-	_	-	-	_	7	_	
No. in authorized status - cost = zero	_	-	-	_	2	-	-	-	2	-	-	-	10	<u>1</u> .	

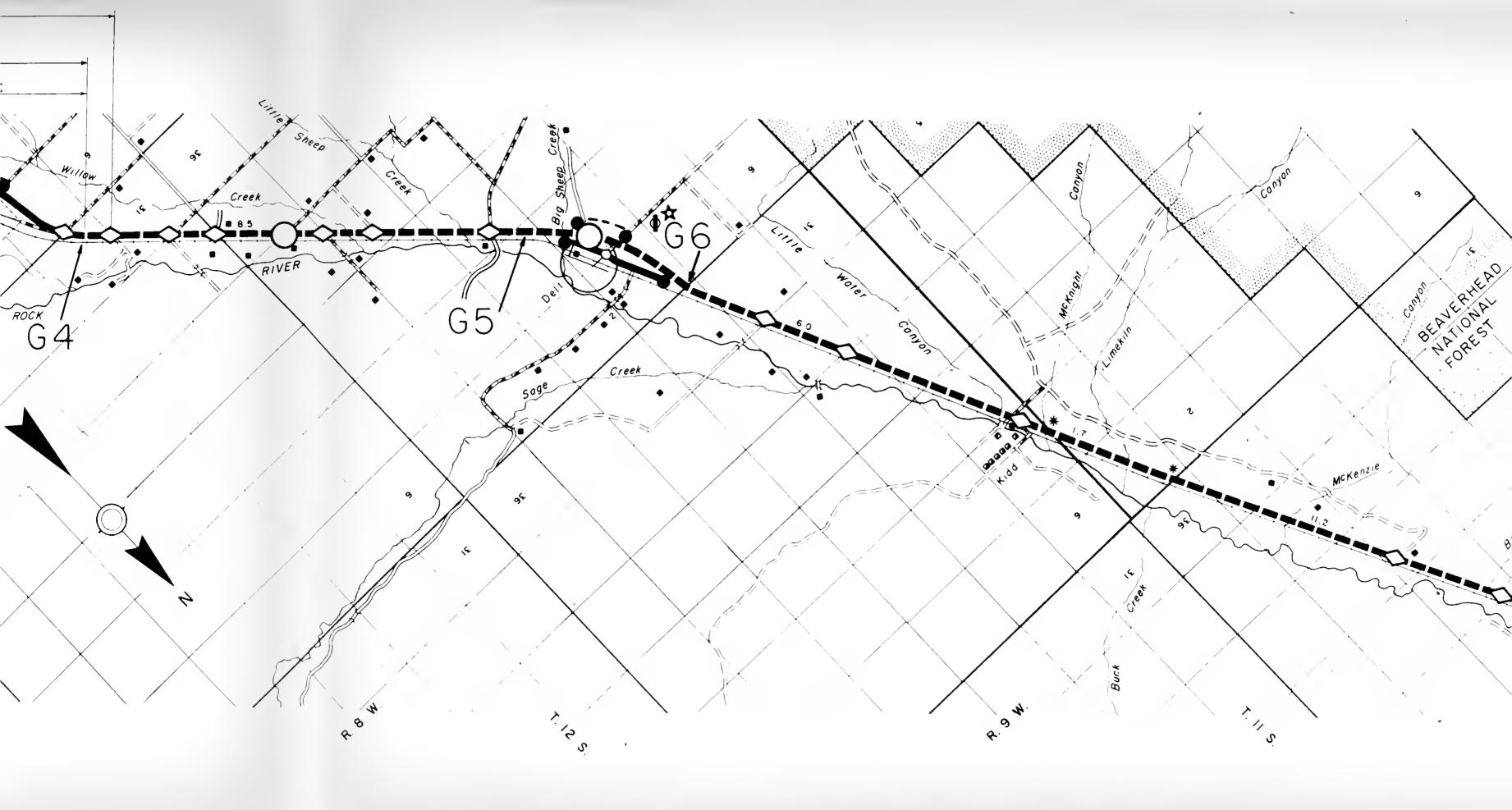
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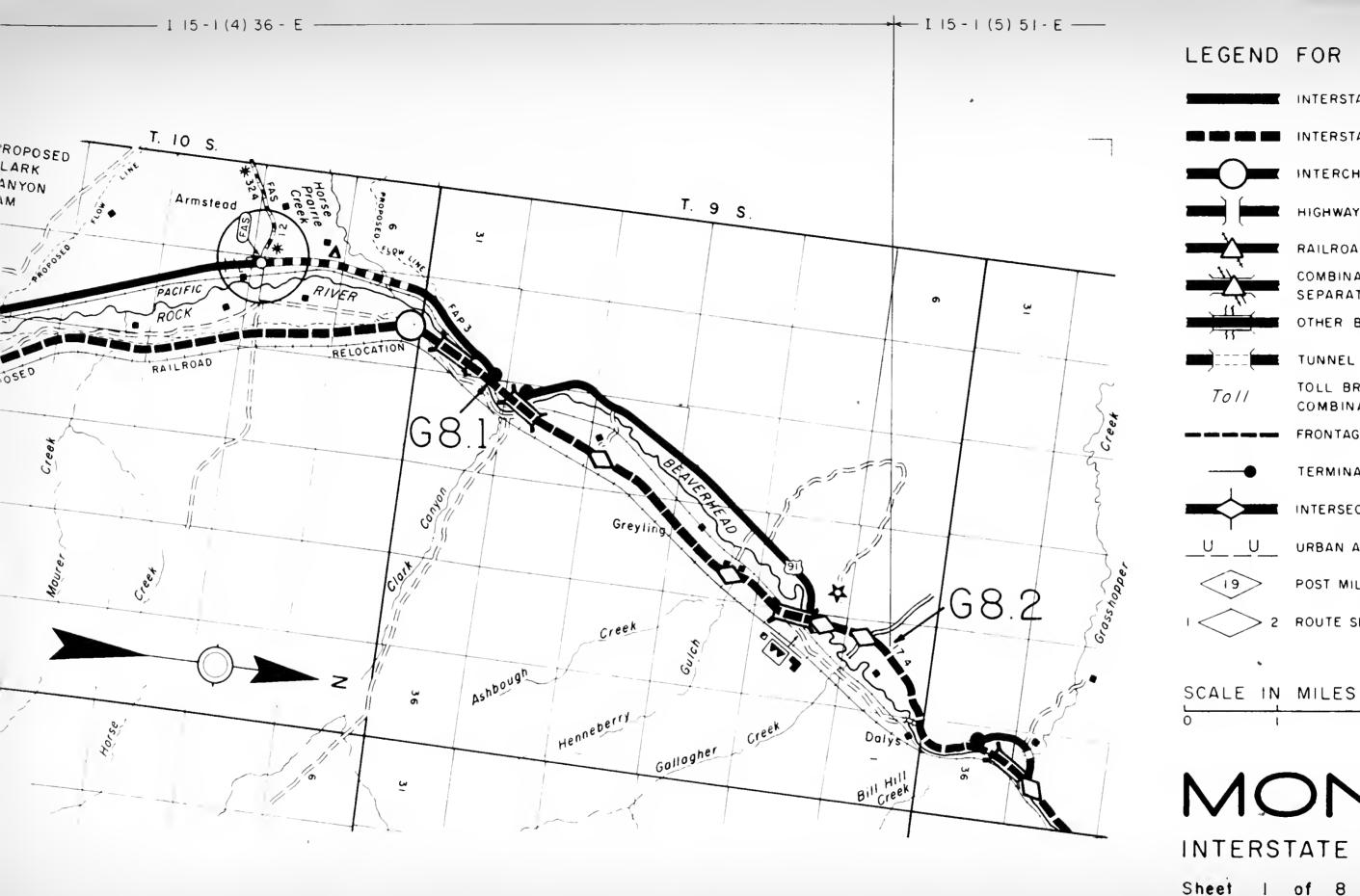
State: Name and Title

Late

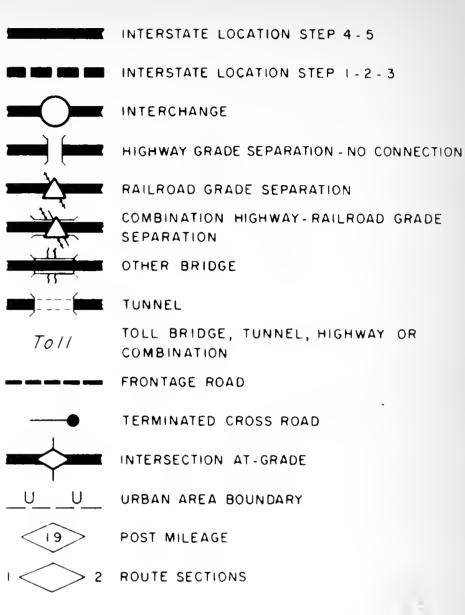
Date

BPR Division Engineer





LEGEND FOR INTERSTATE ROUTES

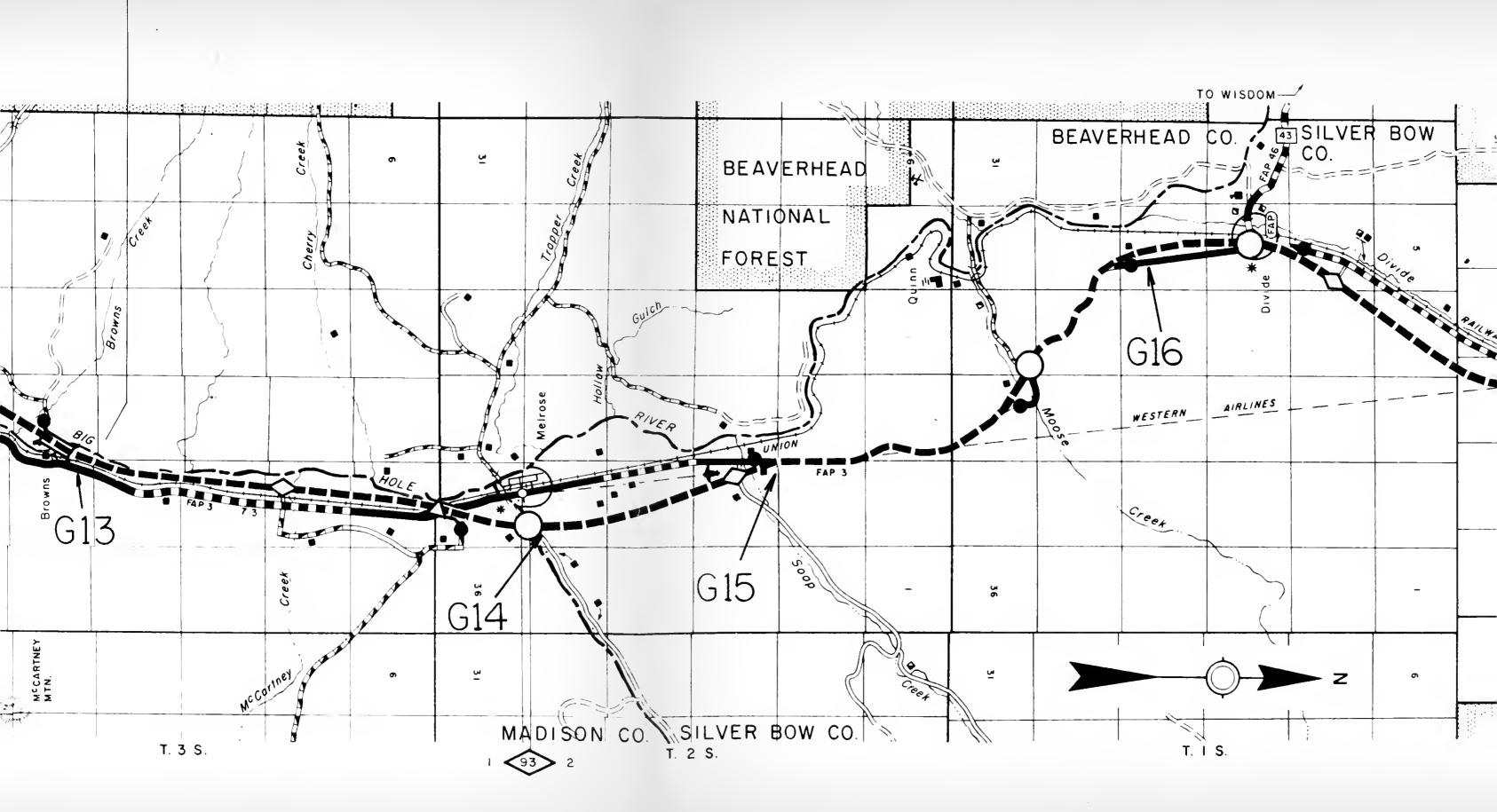


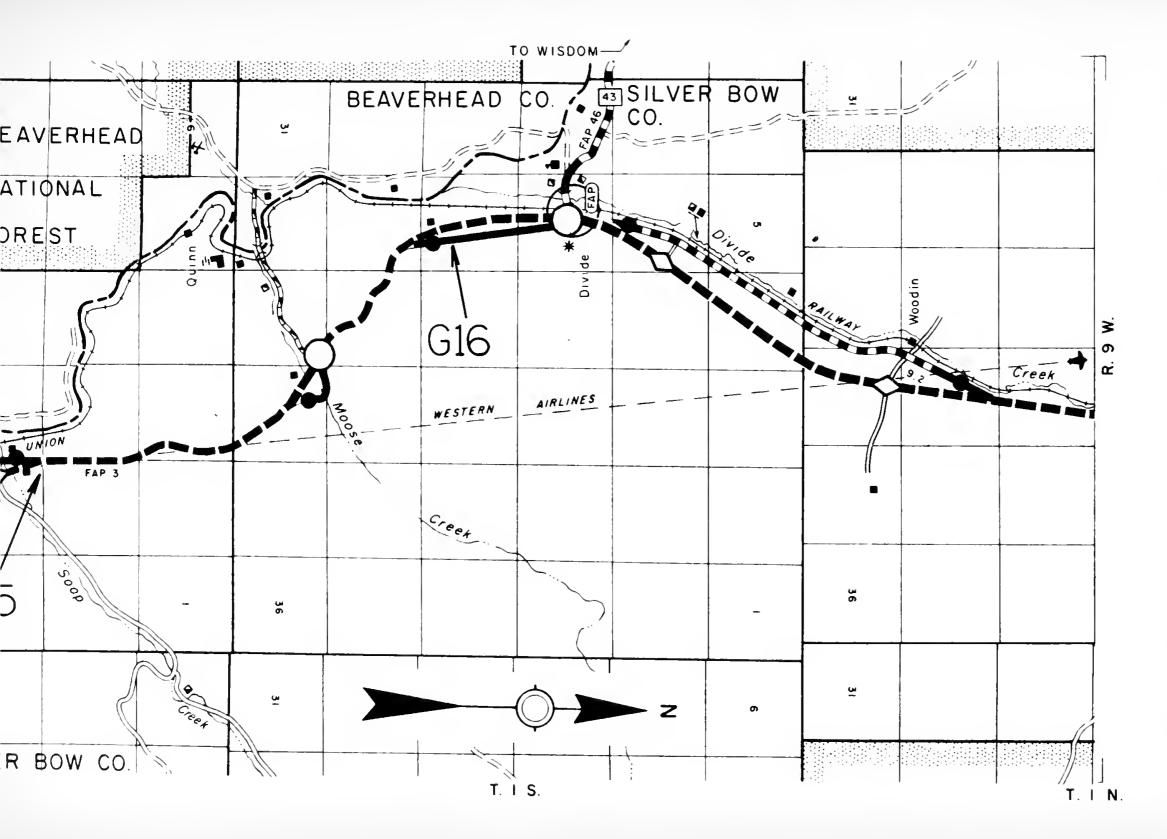
MONTANA

INTERSTATE ROUTE 15 (102)

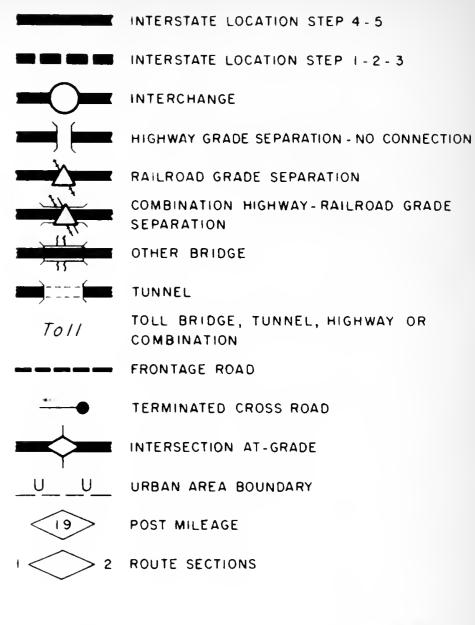
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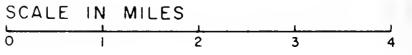
Date January I, 1960





LEGEND FOR INTERSTATE ROUTES



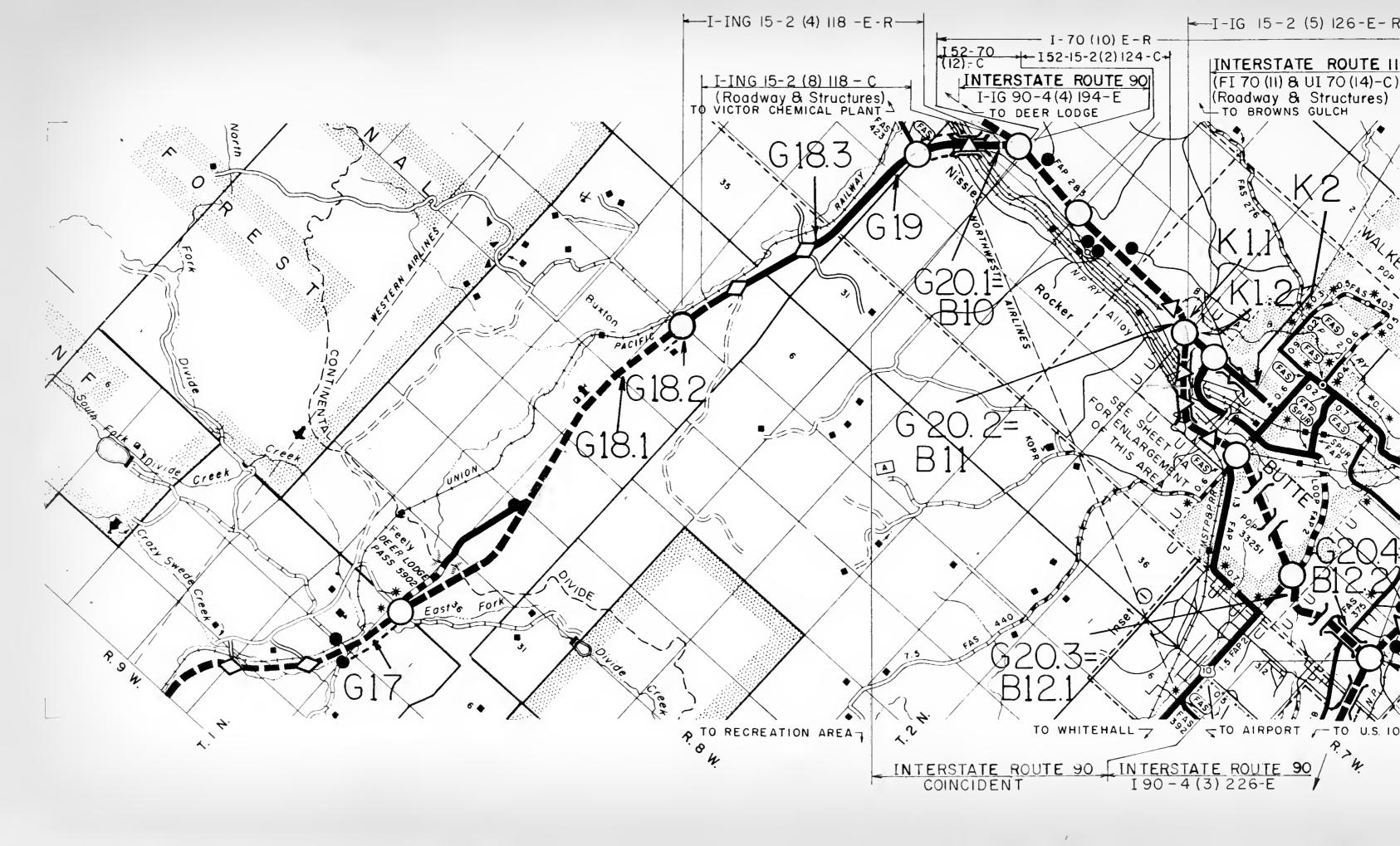


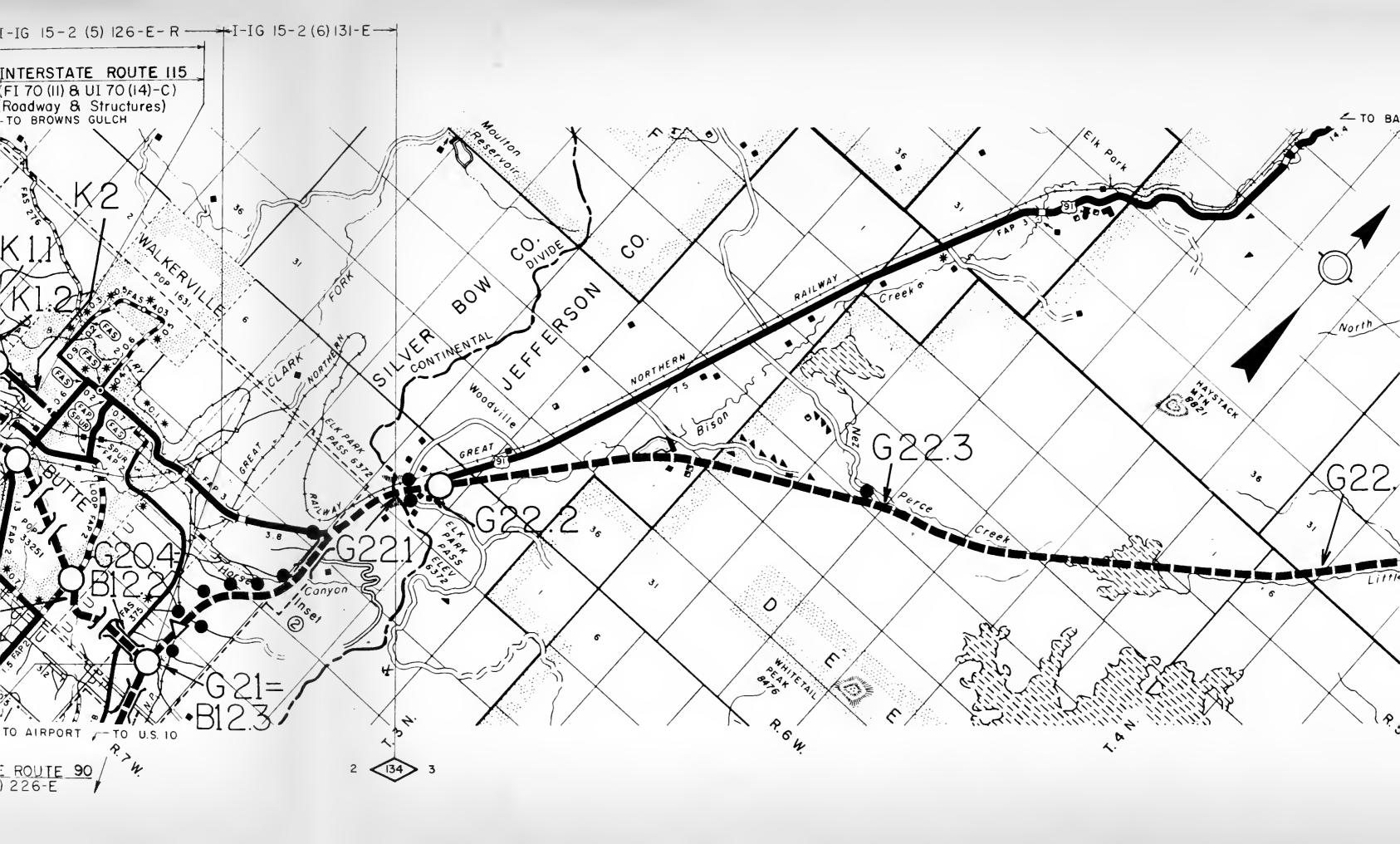
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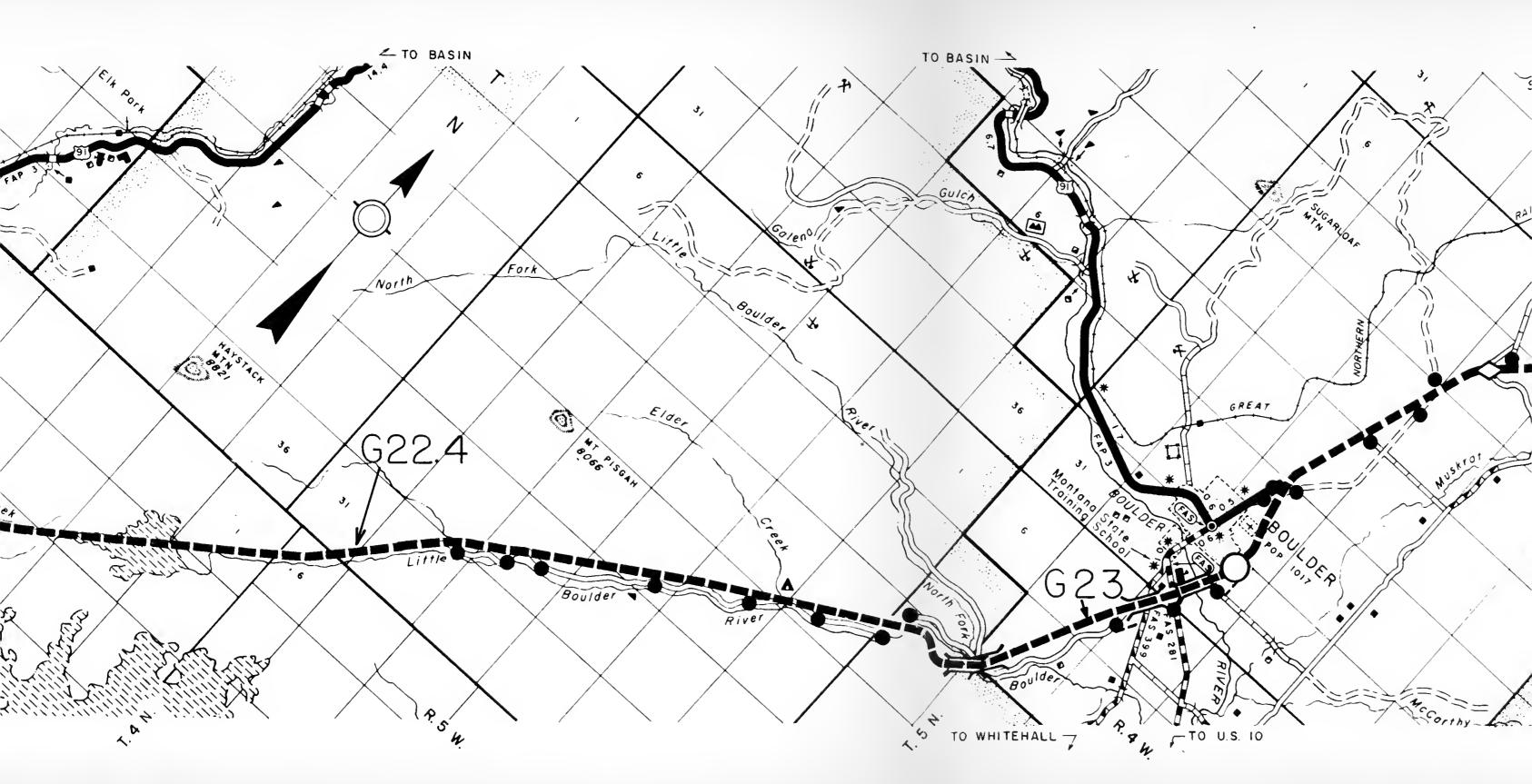
INTERSTATE ROUTE 15 (102)

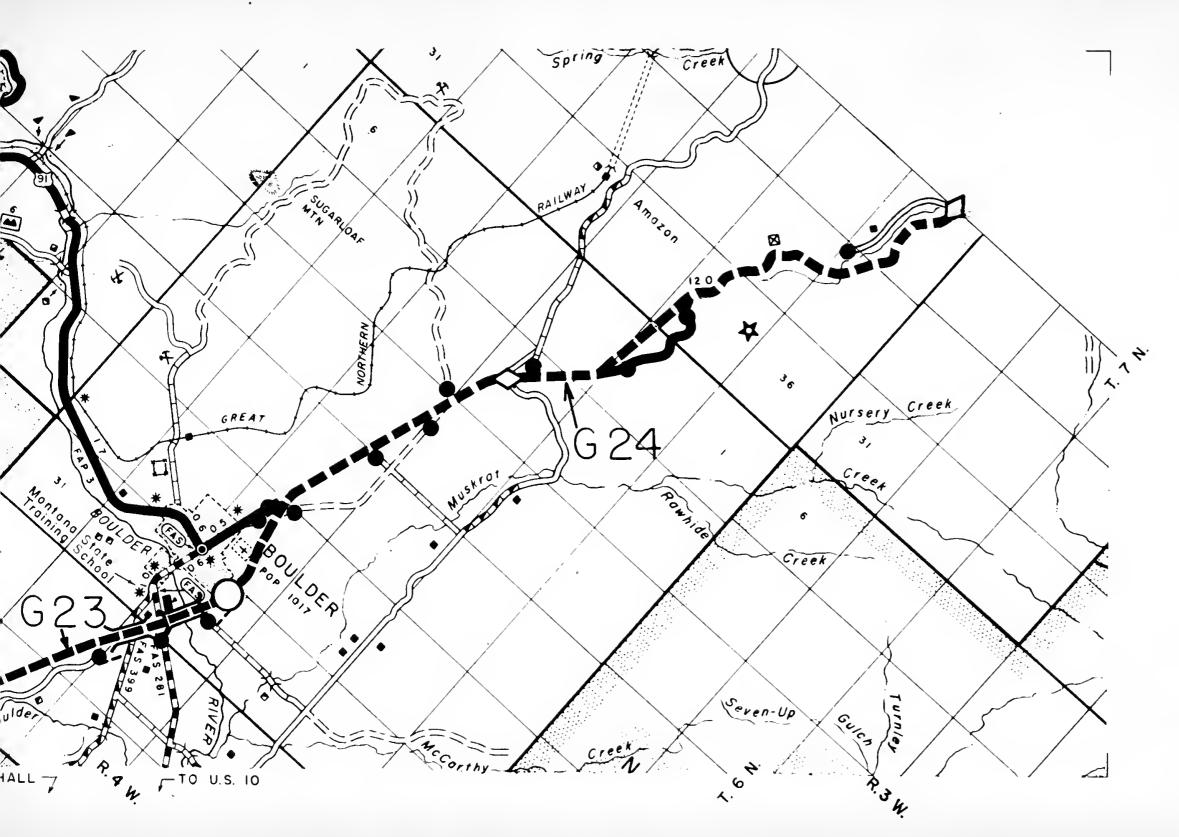
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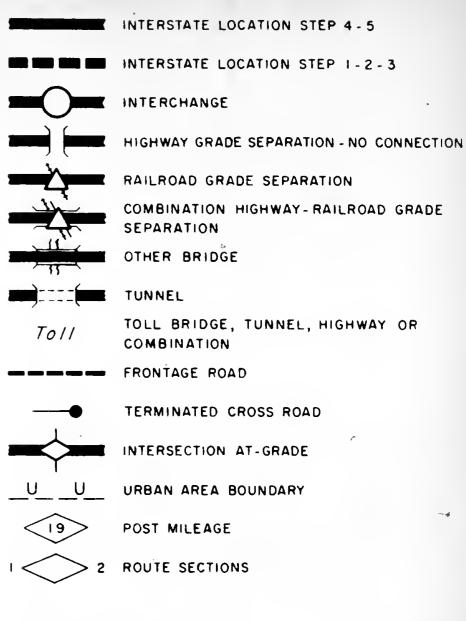
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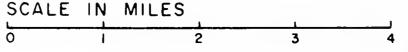






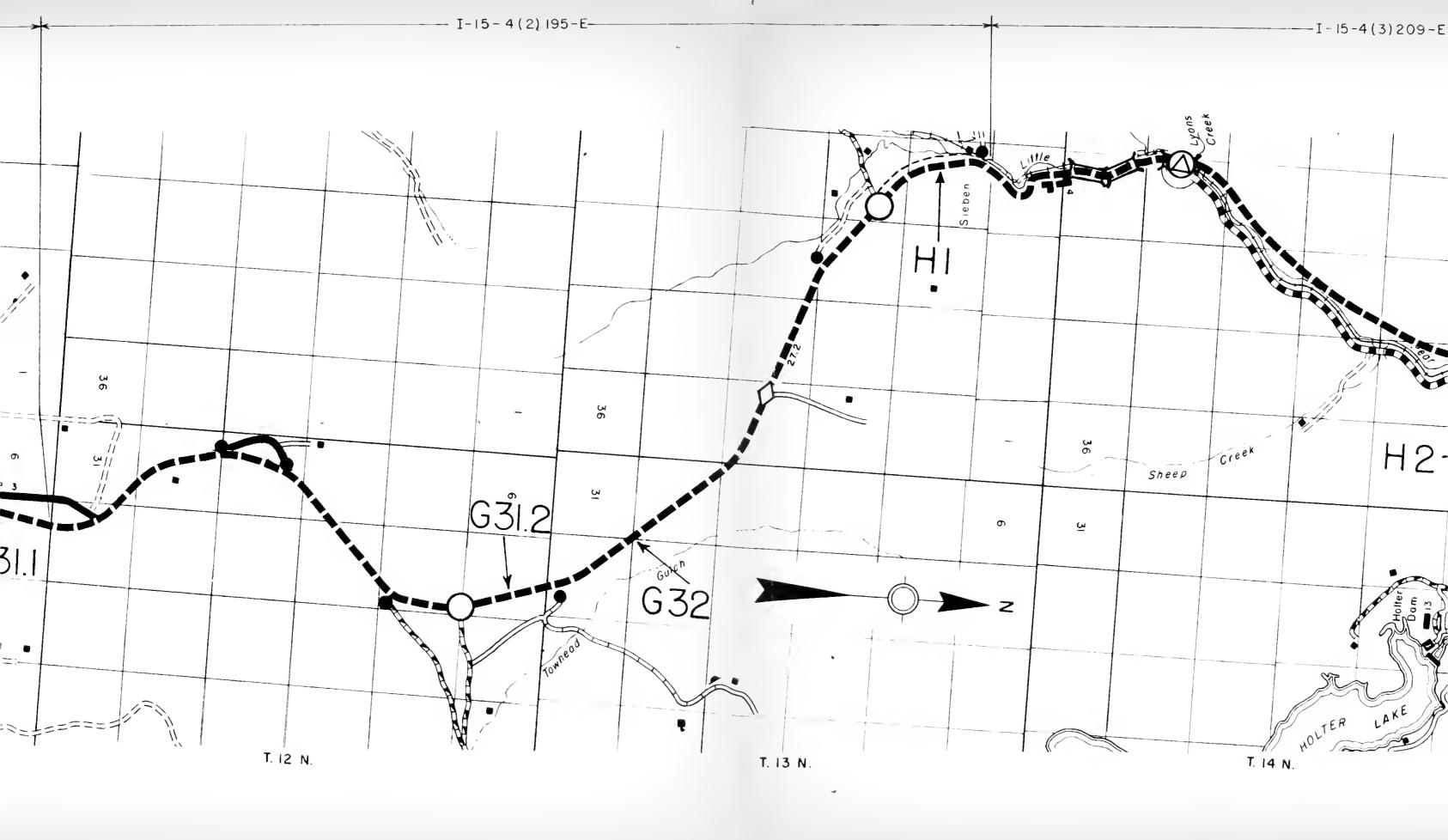


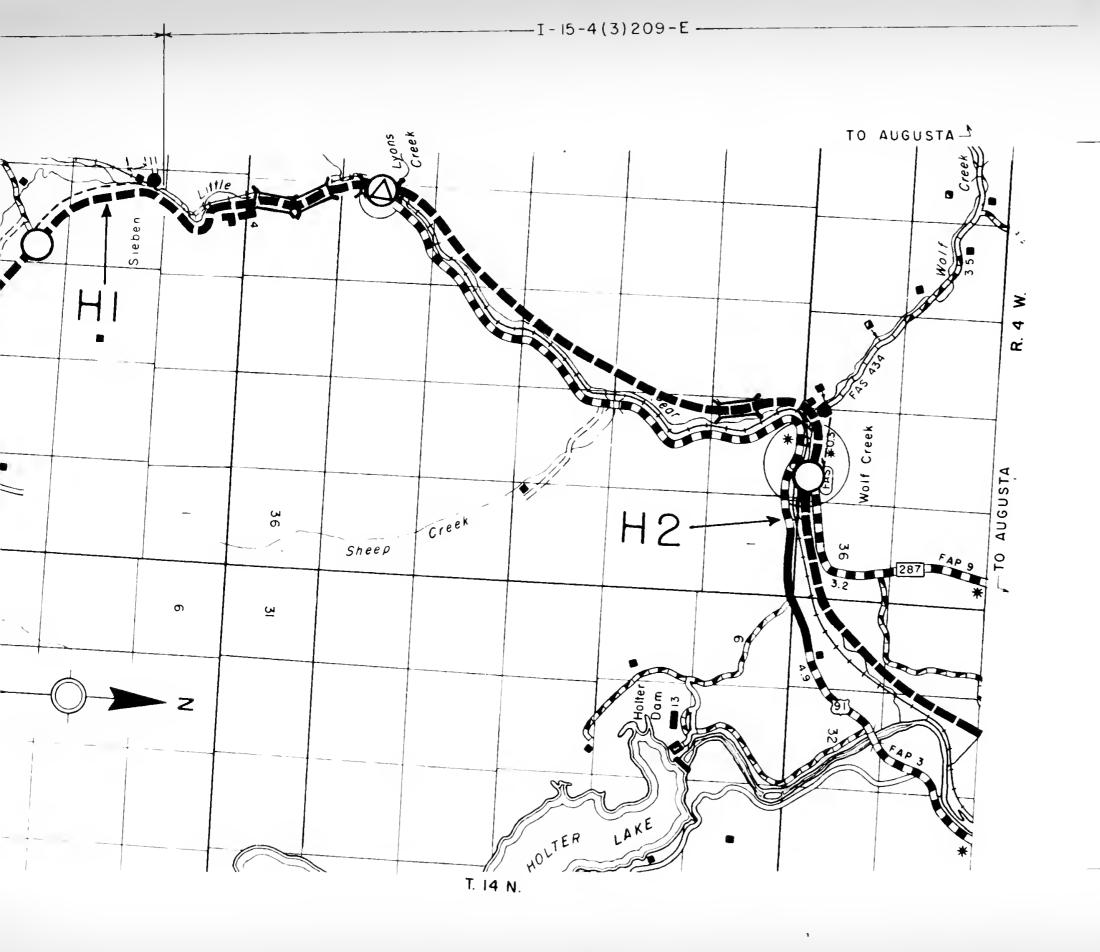


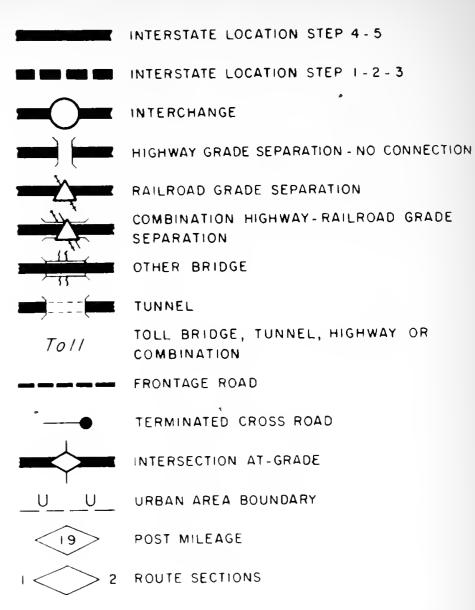


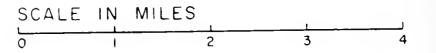
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INTERSTATE ROUTE 15 (102)
Sheet 3 of 8
Date January 1, 1960
INTERSTATE ROUTE 115 (104)
(COMPLETE ROUTE ON THIS SHEET)







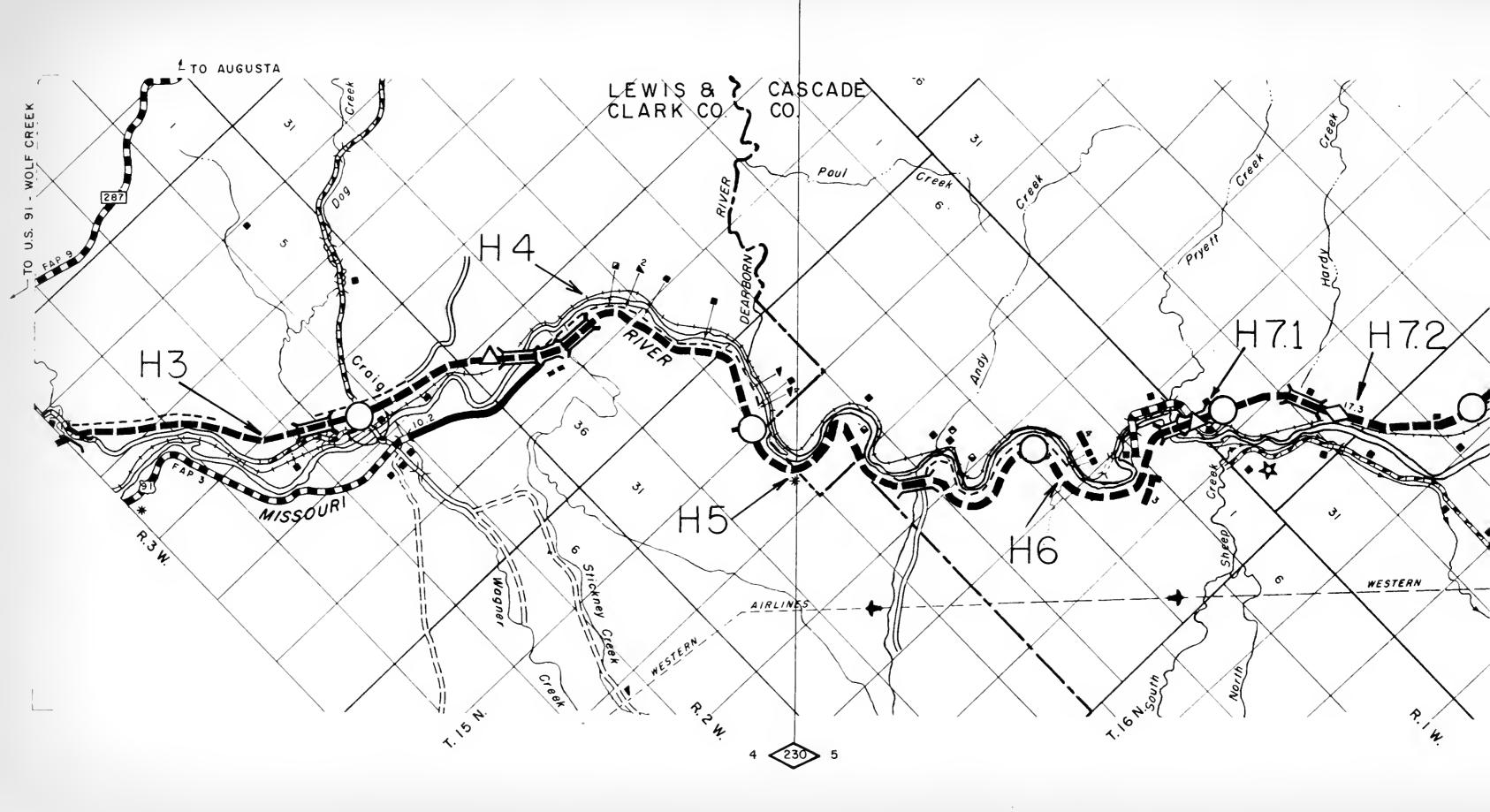


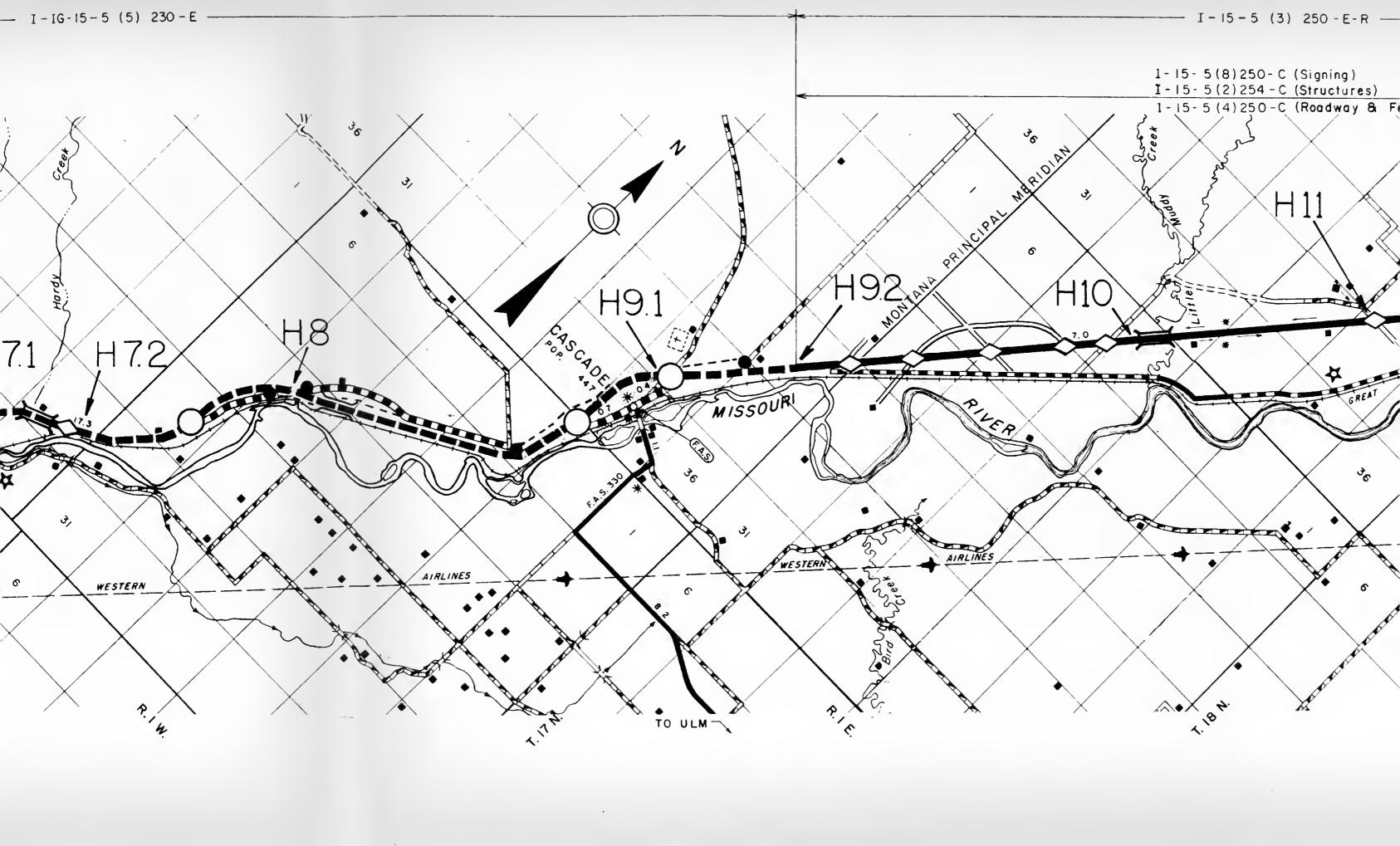
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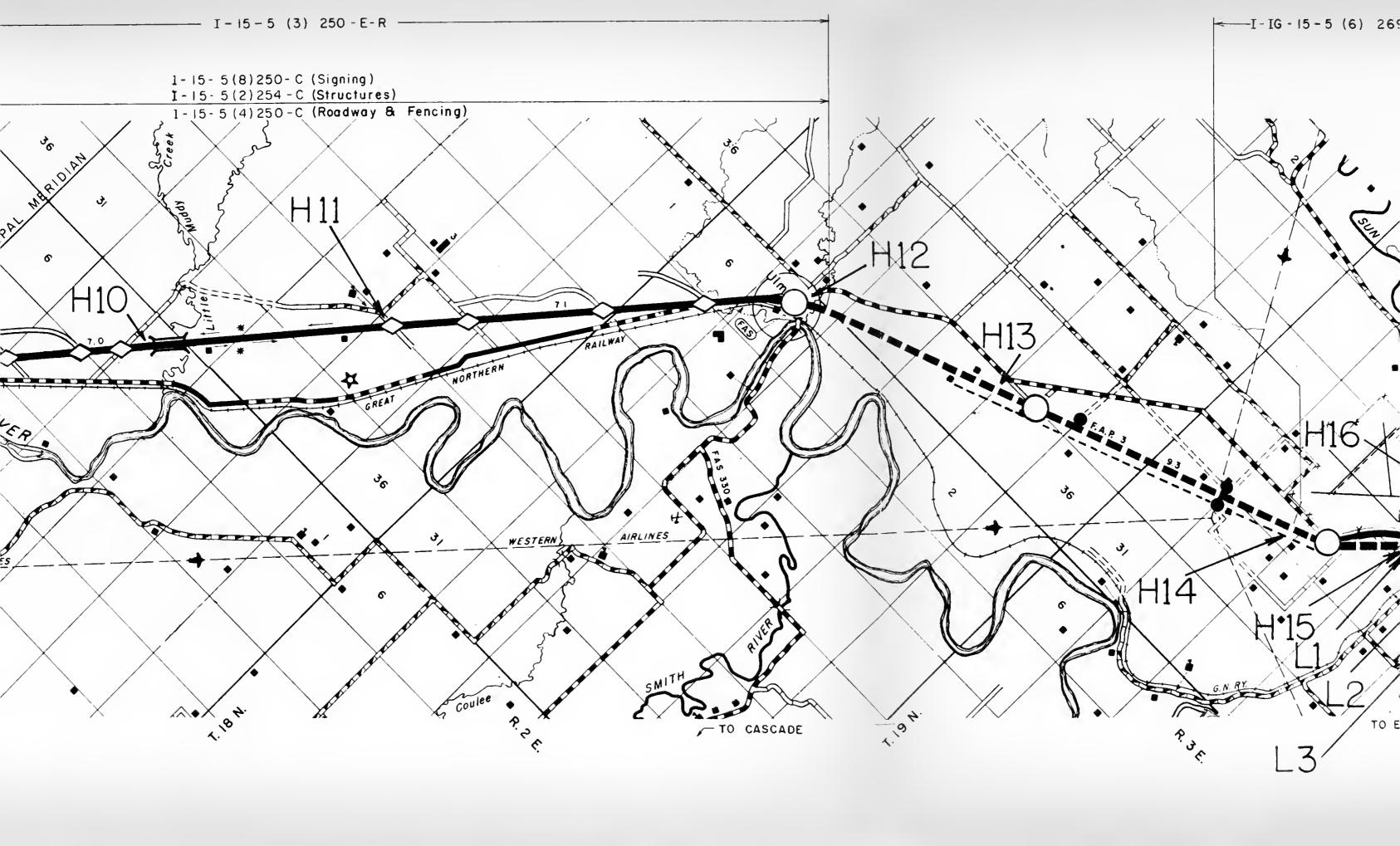
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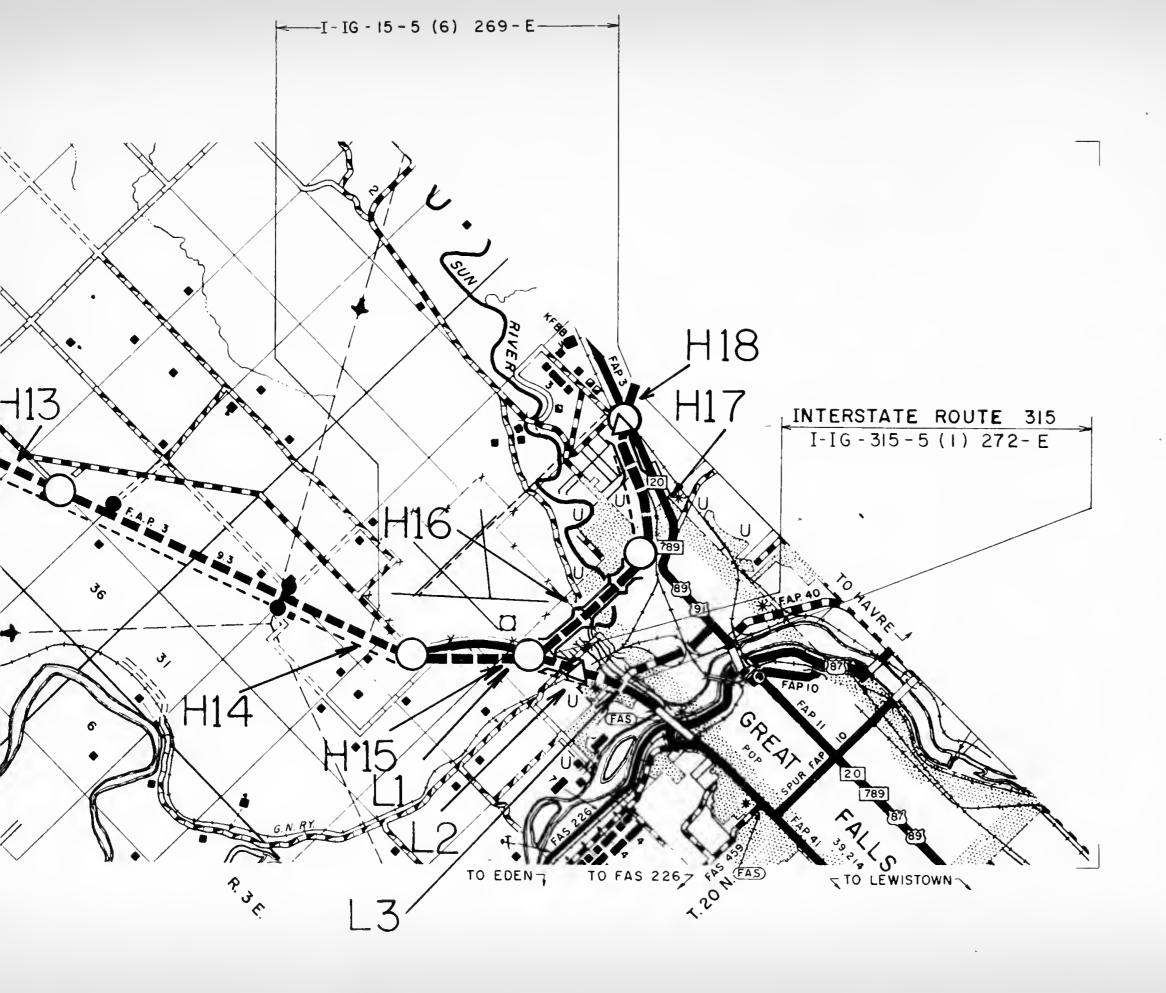
Sheet 4 of 8

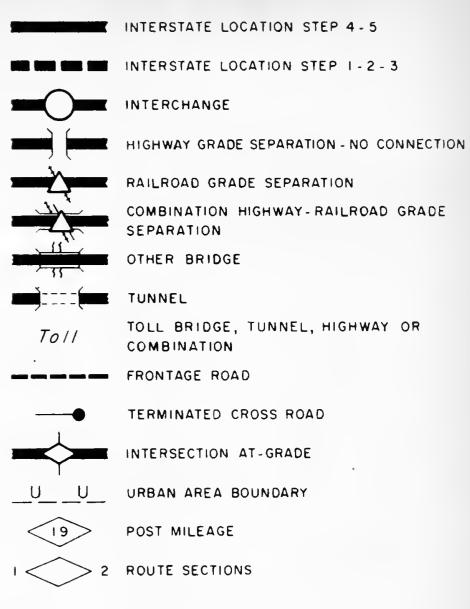
Date January I, 1960

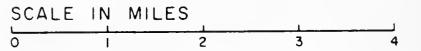






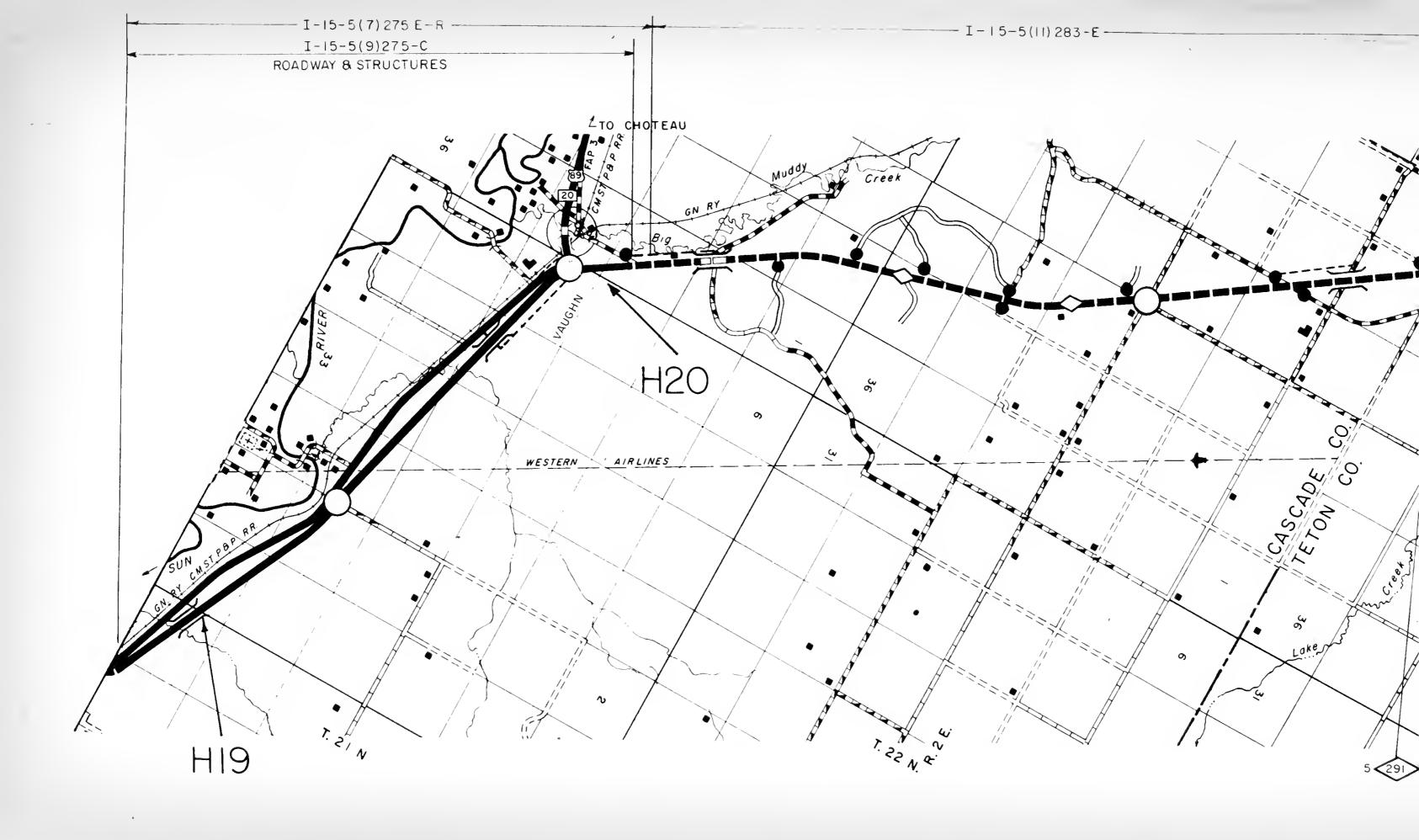


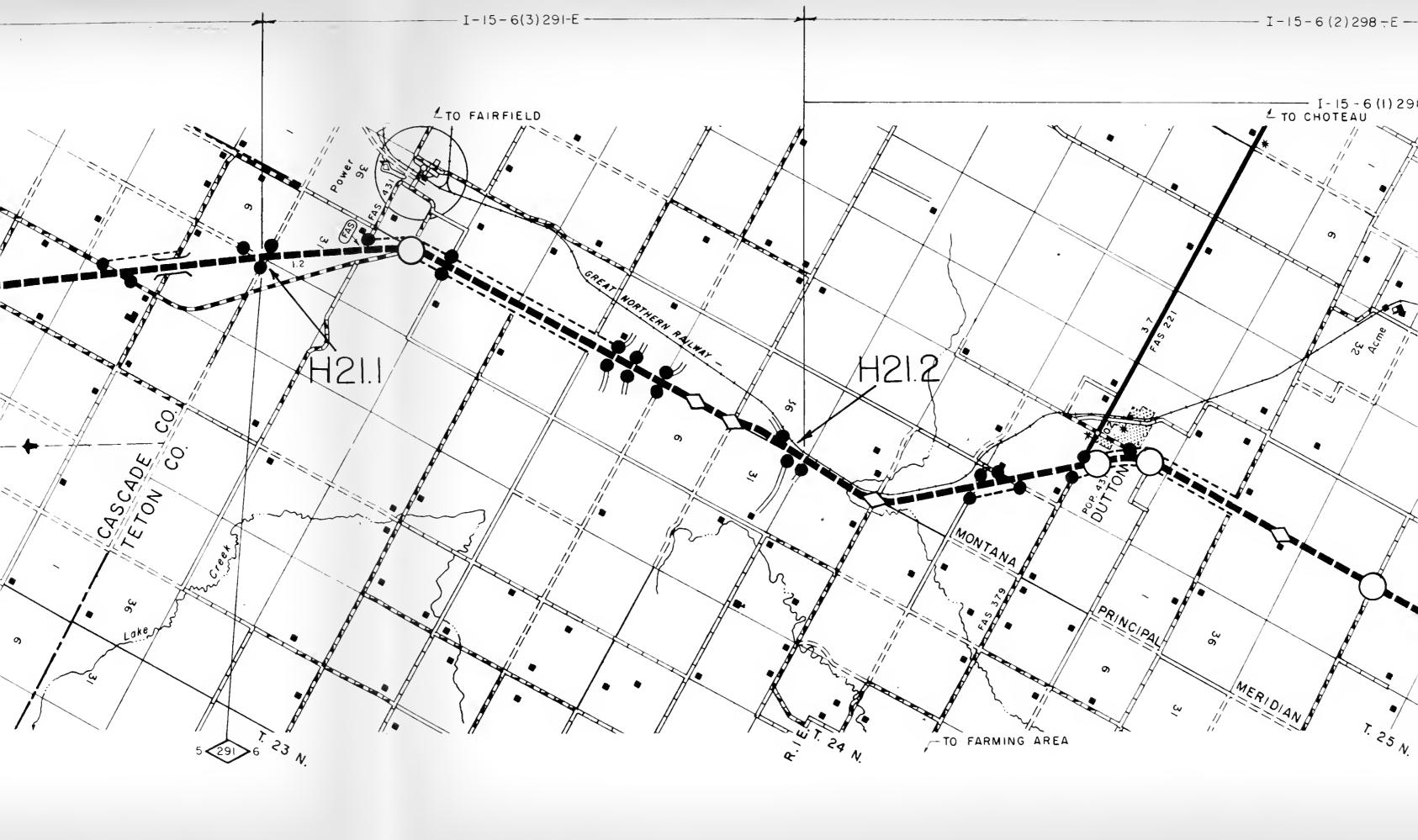


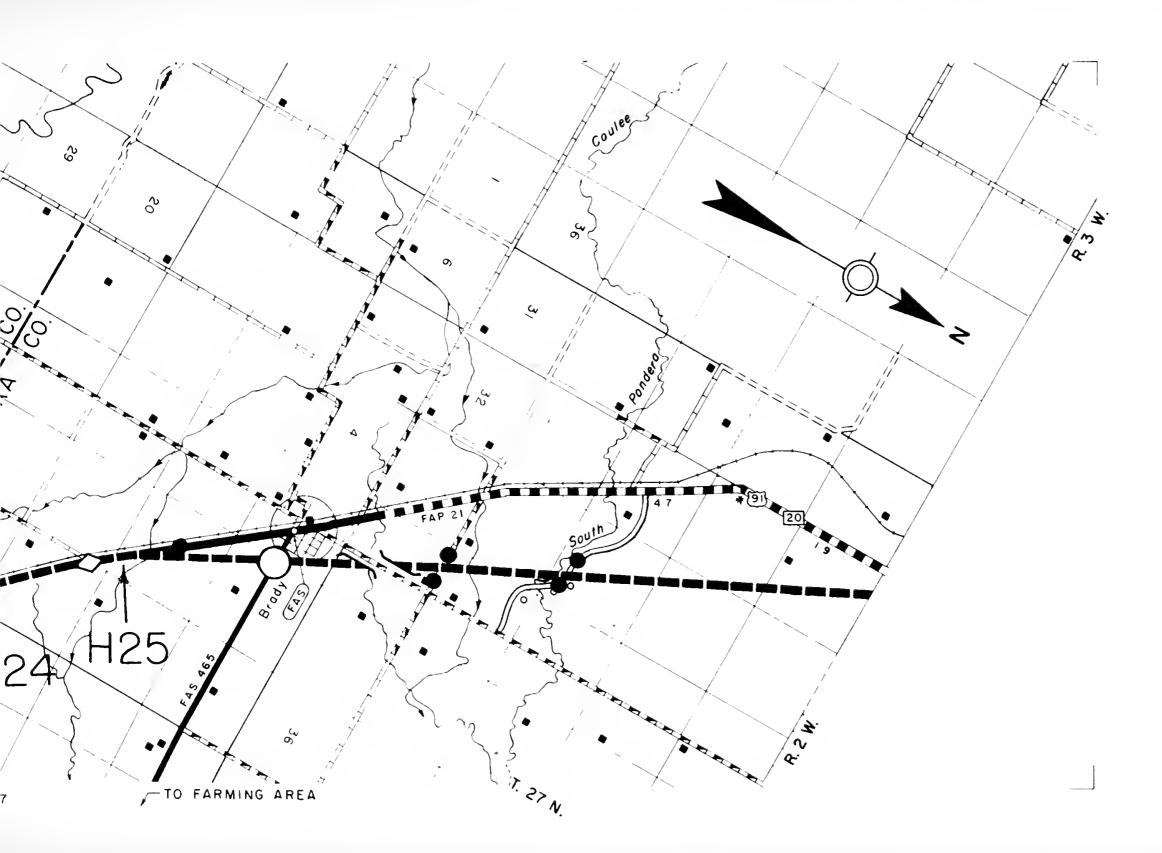


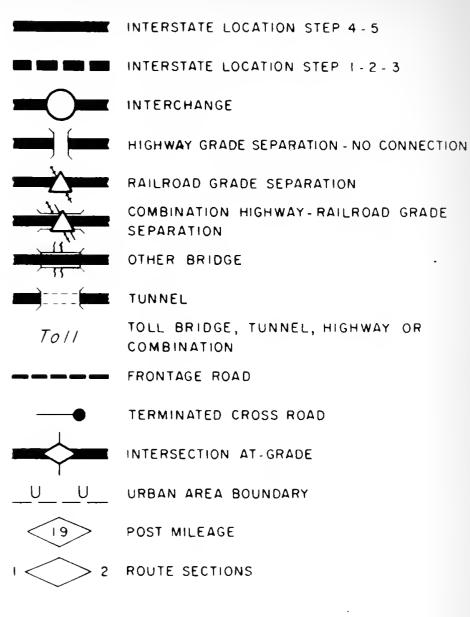
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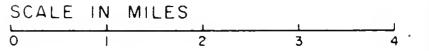
INTERSTATE ROUTE 15 (102)
Sheet 5 of 8
Date January I, 1960
INTERSTATE ROUTE 315 (105)
(COMPLETE ROUTE ON THIS SHEET.)









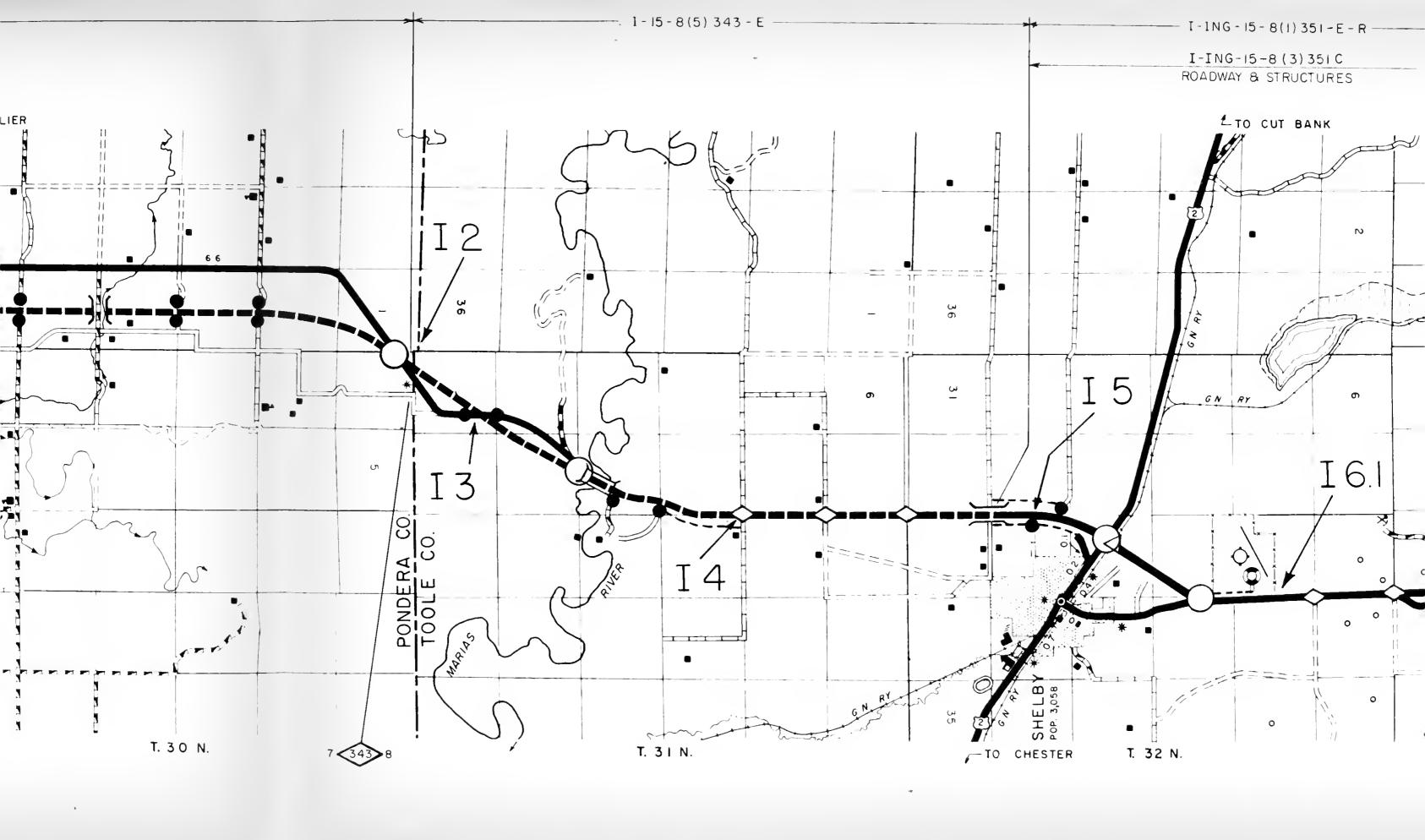


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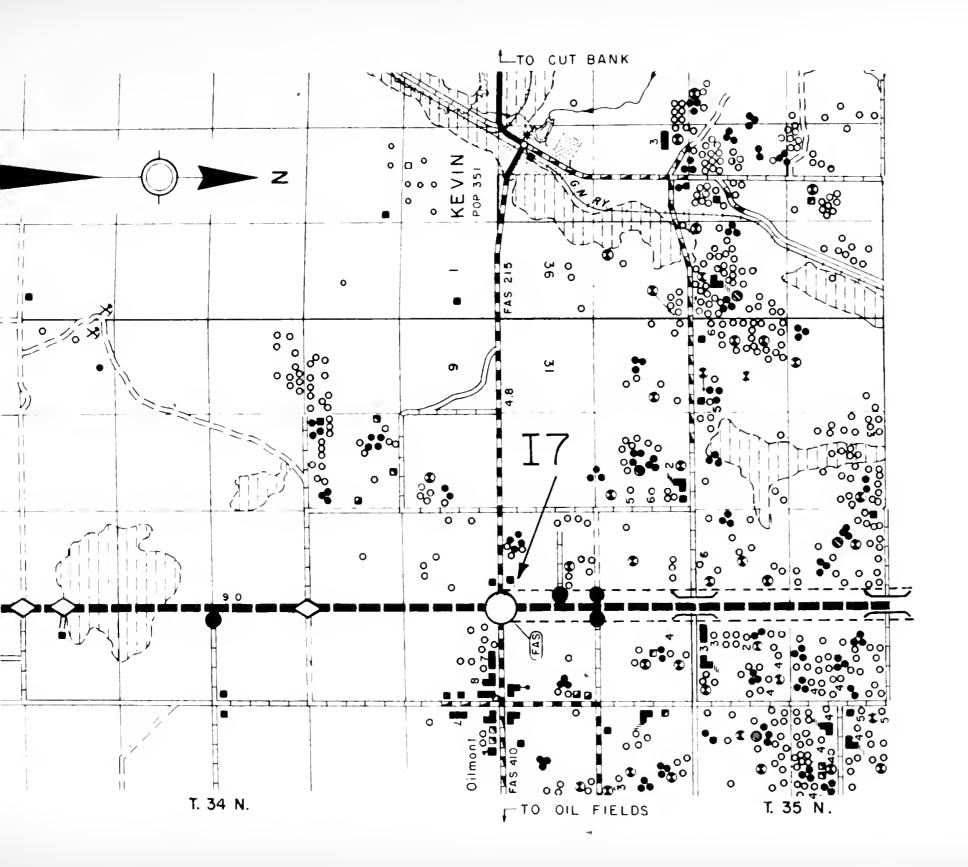
INTERSTATE ROUTE 15 (102)

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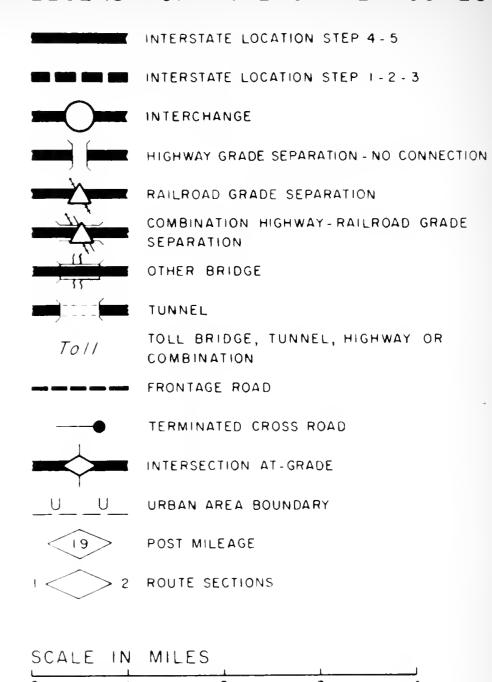
Date January I, 1960



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LEGEND FOR INTERSTATE ROUTES

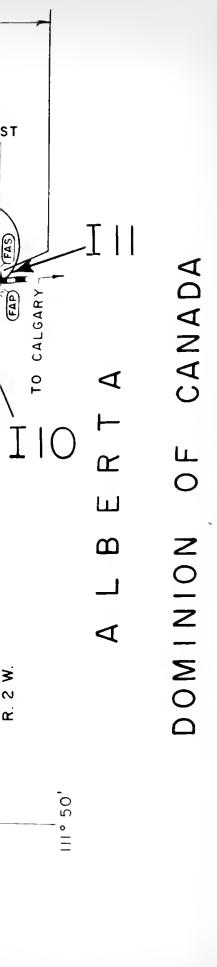


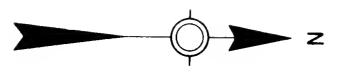
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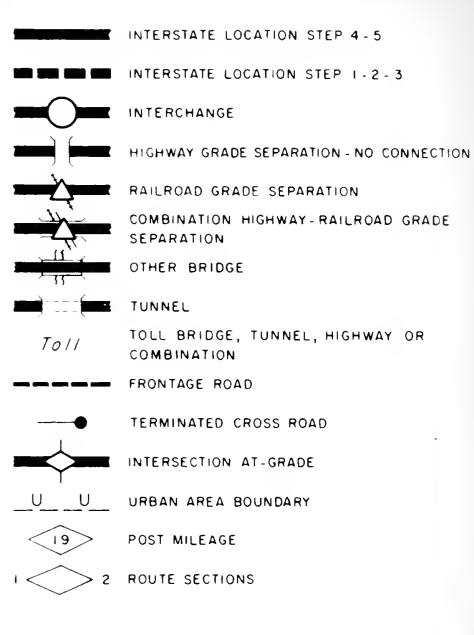
INTERSTATE ROUTE 15 (102)

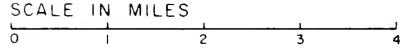
Sheet 7 of 8

Date January I, 1960









MONTANA

INTERSTATE ROUTE 15 (102)

Sheet 8 of 8

Date January 1, 1960

SHEET 1 OF 10

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	Al-A2	A2-A3.1	A3.1-A3.2	A3.2-A4	A4-A5.1	A5.1-A5.2	A5.2-A6	A6-A7	A7-A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1	A9.1-A9.2	19.2-n7.3	A9.3-A10
I T E M 1. Section length, miles	3.4	7.6	5.5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1490 3500 525 55 10 50	R E 1490 3500 525 55 10 50 2	R E 1433 3400 510 55 10 50 2	1489 3500 520 55 10 50 2	R E 1448 3400 510 55 10 50 4	R E 1448 3400 510 55 10 50 2	R E 1448 3400 510 55 10 70 2	R N 1448 3400 510 55 10 60 2	R N 1442 3400 510 55 10 60 2	R N 1442 3400 510 55 10 70 2	1442 3400 510 55 10 60 2	2 E 1442 3400 510 55 10 70 2	70 N N 1442 3400 510 55 10 50 2	1442 3400 510 55 40 60	0.005 0.005 0.005
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	2.6	7.2 0.4	3.9 1.6	4.0 0.2 1.2	5.0 0.6	3.6 1.0	0.4 0.5	1.0 0.1 0.1	0.2	0.9	7.2 0.7	1.4	2.3	us 3 fu	1.9
14. Typical cross-section reference 15. Right-of-way width: minimum	45 300	21 300	21 300	20 300	45 300	21 300	20 300	20 300	71 300	20 300	20 300	21 260	20 200	300	20 200
prevailing	300	300	300	300	300	300	300	300	300	300	300	260	300	300	250
16. Median width: minimum	6				6									36	
prevailing	6				6									36	

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	AlO-All	All-Al2.1	A12.1-A12.2	A12.2-A12.	3A12.3-A12.4	Al2.4-Al3.1	A13.1-A13.	2A13.2-A13.3	A13.3-A14	A14-A15	A15-A16	A16-A17	A17-A18	A18-A19	A19-A20
I T E M 1. Section length, miles	4.0	5.4	1.8	2.3	0.9	2.5	0.5	0.2	4.3	3.7	2.9	2.1	2.2	2.04	0.2
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1407 3300 500 55 8 70 2	R N 1407 3300 500 55 8 60 2	R E 1404 3300 500 55 8 60 2	R E 1405 3300 500 55 8 70 4	R E 1405 3300 500 55 8 70 2	R E 1405 3300 500 55 8 70 2	R E 1405 3300 500 55 8 50 2	R N 1405 3300 500 55 8 50 2	R N 1463 3500 530 55 8 50 2	R E 1463 3500 530 55 8 60 2	R N 1511 3600 540 55 8 60 2	R N 1511 3600 540 55 8 60 2	R E 1511 3600 540 55 8 60 2	1511 3600 540 55 8 50 2	H N 1 11 3600 540 55 8
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	4.0	4.3 1.1 	1.8	2.3	0.9	2.5	0.5	0.2	3.7 0.6	3.7	2.9	2.1	2.2	÷ 0 44	0.2
l4. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 280	40 270	20 285	20 300	21 300	71 300	21 300	20 300	20 300	20 300	20 300	20 300	73 300
prevailing	300	300	280	400	400	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum				46										1	6
prevailing				46											6

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-58	B8-B9	B9-B10	B10-E12.3	B12.3-B13	B13-B14.1	B14.1-B142	B14.2-B15	1:15 - 1316	B16-b17.1	b17.1-b17
I T E M 1. Section length, miles	3.1	3.1	3.8	3.6	3.6	1.6	7.5	= G20.1-G21 SEE	5.8	7.1	5.3	4.0	3.5	2.9	7.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 2073 5300 690 55 10 70 2	R N 2073 5300 690 55 10 70 2	R N 2005 5100 660 55 10 70 2	R E 1620 4100 530 55 10 70 2	R N 3180 8100 990 60 7 60 4	R N 3180 8100 990 60 7 70 4	R E 3473 8900 1090 60 10 60	FAT 15	R N 1275 3100 410 55 12 50 4	R N 1275 3100 400 55 12 50 4	1300 3200 420 55 12 50 4	1300 3200 420 55 12 70 4	1476 3600 470 55 15 60	1476 3600 470 55 15 60 2	11 N 1 N 3300 430 55 15 50 4
1. Mileage without frontage roads 2. Mileage with frontage road one side only 3. Mileage with frontage road on both sides	3.1	3.1	2.8 0.6 0.4	3.4 0.1 0.1	3.6	1.6	5.8 1.3 0.4	CIDENT 13	4.9 0.9 	7.1 	5.3	3.5 0.5	3.3 0.2	0.6	0.3
4. Typical cross-section reference 5. Right-of-way width: minimum	20 300	20 300	20 300	20 300	40 300	40 300	1,0 300	100	45 300	45 300	40 300	40 300	20 300	20 300	300
prevailing	300	300	300	300	300	300	300		300	300	300	300	300	300	300
6. Median width: minimum	_	-	-	_	46	46	46		6	6	36	36	-	_	116
prevailing	-	-	-	-	116	46	1,6		6	6	36	36	_	-	46

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	B17.2-B18	8 B18-C1	C1-C2	02-03.1	03.1-03.2	C3.2-C4.1	C4.1-C4.2	04.2-05.1	C5.1-C5.2	C5.2-C6	06-07.1	C7.1-C7.2	07.2-08.1	08.1-08.2	08.2-09
I T E M 1. Section length, miles	3.0	3.8	2.5	3.5	3.0	7.8	1.5	8.8	8.1	1.0	1.0	3.7	1.9	\	3.7
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 3. Design speed (V) 10. Number of through traffic lanes	R N 1340 3300 430 55 15 60 2	R N 1282 3200 420 55 15 60 2	R N 1300 3200 420 55 15 60 2	R N 1300 3200 420 55 15 60 4	R N 1905 5400 700 55 12 70 4	R N 1852 5300 690 55 12 60 4	R N 1936 5500 720 55 12 70 4	1936 5500 720 55 12 70 4	3032 8600 1120 55 12 70 4	H N 1200 3400 440 55 12 70 4	U N 1200 3400 440 55 12 70 4	R & & & & & & & & & & & & & & & & & & &	н 2250 6400 830 55 12 50 4	250 61.00 830 35 12 50 4	K E 7 100 850 15 111 50
11. Mileage without frontage roads 1. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.0	3.8	2.5	3.5	3.0	7.8 	0.8	7.8 1.0	4.9 3.2	0.5	1.0	2.7	1.9).d U.5
14. Typical cross-section reference	20 300	20 300	20 300	50 300	50 300	50 300	50 300	50 300	50 300	50 300	50 300	50 300	7,5 130	45 100	300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	250	240	300
ló. Median width: minimum	_		-	46	46	46	46	46	46	Li6	46	1.6	6	6	6
prevailing		_	_	46	1.6	46	46	46	46	46	46	46	6	+	6

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	l	1	1	1	1	1	1
pection	C9-C10	010-011	011-012.1	012.1-012	2 012.2-01	3 013-014	C14-C15.1	015.1015.2	015.2-0153	C15.3-D1	D1-b2	02-03.1	1/3.1-1/3.2	11.2-14.1.	D4.1-D4.2
I T E M 1. Section length, miles	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.1	10.4
2. Class - rural or urban 2. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 6. Percent trucks (T),1975 7. Design speed (V) 6. Number of through traffic lanes	R E 2160 6200 810 55 12 50 4	R E 2198 6300 820 55 12 60 4	R N 2250 6400 830 55 12 60 4	U N 1989 5700 740 60 12 60 4	R N 1300 3700 480 55 14 60 4	R N 1300 3700 480 55 14 60 4	R E 2411 6900 900 55 14 70 4	H E 1585 4100 530 55 12 70 2	R E 1585 4100 530 55 12 60 4	R E 1523 3900 510 55 12 70 2	1600 4100 530 55 12 70 2	R N 1603 4100 530 55 15 70 2	1003 4100 530 55 15 70 2	N 1432 3700 480 55 15 60	R E E 1 50 570 55 70 2
1. Mileage without frontage roads 2. Mileage with frontage road one side only 3. Mileage with frontage road on both sides	1.8 0.6 2.7	0.9	1.0 1.0 1.0	0.2	0.5	3.4	2.2 2.5	7.7	4.1 	 0.4	8.2 4.3 0.6	0.6	4.5	1.7	8.3 ~.1
/. Typical cross-section reference r. Right-of-way width: minimum	45 300	40 300	40 200	40 240	40 230	40 200	40 200	20 300	40 300	20 260	20 300	20 300	20 300	300 300	300
prevailing	300	300	270	240	280	270	200	300	300	280	300	300	300	300	300
6. Median width: minimum	6	46	46	46	46	46	46	-	6	-	-	-	-	_	_
	6	46	46	46	46	46	46						_		••

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D4.2-D5.1	D5.1-D5.2	D5.2-D5.3	D5.3-D6	D6-D7.1	D7.1-D7.2	D7.2-D8	D8-D9	D9-D10.1	D10.1-D102	D10.2-D11	D11-D12	012-013.1	D13.1-D132	D13.2-D14
I T E M l. Section length, miles	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1	6.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes		R N 1250 3200 420 55 15 60 2	R N 1284 3300 430 55 15 60	R E 1284 3300 430 55 15 60 2	R N 1500 3800 490 55 15 60 2	R E 1500 3800 490 55 15 60	1500 3800 490 55 15 60 2	R N 1682 4500 580 55 15 50 4	R N 1625 4300 560 55 15 70 2	R E 1625 4300 560 55 15 70 2	R N 2026 6000 780 55 15 70 4	H 2026 6000 780 55 15 70	R N 4000 11800 1420 55 12 70	4,800 14,200 17(0) 00 1,70 4	R E 14,200 17,200 17,00 60 12 70 4
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides		0.3	1.8	2.7	2.4	2.0	5.2 1.0	5.8 2.0	6.9	3.6	3.5	2.1	2.1 2.0	1.4	6.4
14. Typical cross-section reference 15. Right-of-way width: minimum	20 250	20 220	40 240	2 0 220	20 290	20 200	20 300	40 300	20 300	20 300	40 170	40 170	7,0 170	1,0 170	740 170
prevailing	370	350	280	340	290	250	300	300	300	300	170	170	170	170	1''0
16. Median width: minimum			46					46			46	46	46	46	46
prevailing			46					46			46	46	46	46	46

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D14-D15.1	D15.1-D1.52	D15.2-D16	M1-M2	1.2-143	M3-M4	M4-M5	M5-M6	M6-N7	M7-M8	0,4-84	M9-M10	M10-M11	M11-/12	M12-M13
I T E M 1. Section length, miles	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 4253 11300 1360 60 12 70 4	R N 4253 11300 1360 60 12 70 4	R N 3403 9100 1090 55 15 70 4	R N 1228 3000 390 55 15 50 4	R N 1043 2600 340 55 15 50	R N 1043 2600 340 55 15 70 2	R N 1043 2600 340 55 15 60 4	R N 1043 2600 340 55 15 50 4	d N 1043 2600 340 55 15 60 2	R £ 1143 2800 360 55 15 60 2	1943 5300 690 55 12 70 2	R E 1692 470 610 55 12 70 2	16.29 470 610 55 12 70	15 /3 5/400 5/40 5/4 1, 70 2	H E - 73
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	3.2 1.4	1.4	3.4	7.6 3.5	0.5	2.9	2.1	3.1	7.3	9.5	4.0	2.14		- 5.1	0.3 0.3 0.3
14. Typical cross-section reference 15. Right-of-way width: minimum	40 300	40 300	40 300	40 300	40 300	20 300	40 300	40 300	20 300	20 300	20 300	20 270	40 300	300	4.0 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	320	300	300	300
16. Median width: minimum	46	46	46	46	46		46	46					1,6		40
prevailing	46	46	46	46	46		46	46					46		46

STATE	MONTANA
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Old Interstate route number	103	103	103	103	103	103	103	103	R	URAL	URBAN	
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1				
Section	M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21				
I T E M 1. Section length, miles	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2	5	39.3	3.5	542.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Treffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R E 1530 420 550 55 12 70 4	R E 1204 3300 430 55 12 70 2	H E 1204 3300 430 55 12 70 2	H E 1129 3100 400 55 12 70 2	R E 1129 3100 400 55 12 70 2	H E 1074 3000 420 55 12 70 2	R E 1001 2800 390 55 12 60	R E 951 2600 390 55 12 50 2				
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	0.7	0.8	4.6 2.0	9.6 1.0	0.9	11.4	4.9	4.2	1	.08.5 .05.6 .25.2	3.5	412.0 105.6 25.2
14. Typical cross-section reference 15. Right-of-way width: minimum	40 230	20 300	20 300	20 300	20 300	20 300	20 300	20 300				
prevailing	300	300	300	300	300	300	300	300				
16. Median width: minimum	46											
prevailing	46											

Signatures:		Date
-	State: Name and Title	
		Date
-	BPR Division Engineer	

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

SHEET 1 OF 10

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1
Section	Al - A2	A2 - A3.	A3.1-A3.2	A3.2-A4	A4 - A5.1	A5.1-A5.2	A5.2 -A6.	A6 - A7	A7 - A8.1	A8.1-A8.2	A8.2-A8.3	A8.3-A9.1	A9.1-A9.2	A9.2-A9.3	A9.3 - A10
Section length, miles (O.1 mile)	3.4	7.6	5.5	5.4	5.6	4.6	0.9	1.2	0.2	0.9	7.9	1.4	2.3	1.2	1.9
Class: Rural or Urban	l,	R	R	R	R	ત	R	R	R	H	R	R	R	R	rt .
Location: Existing, new, or toll	E	E	E	Ξ	E	E	E	1/	И	N	E	E	N	N	Ν
No. Lanes to be constructed this estimate	14	2	2	2	4	2	2	2	2	2	2	2	2	4	2
No. through traffic lanes	l ₄	2	2	2	4	2	2	2	2	2	2	2	2	4	.)
Finance code	22	22	22	22	22	22	_ 22	23	23	23	22	22	23	23	2,4
WORK CLASSIFICATION			ES	TIMATED CO	OSTS (1,000	Dollars)									
1. Freliminary engineering	17	13	42	39 268	58	19 16	8	28	20	5	39				==
2. Right-of-way	61	136	146		49		82	74	4	33	68	93	152	79	126
3. Clear & grub; demolition	20	23	16	16	17	14	11	7		5	24				
4. Utility adjustments	ſ	83	46	27	29	36	3	3			48				
5. Frade & Drain; minor structures	503	847	378	255	473	150	99	169		29	265	70	113	139	82
6. base; surfacing; shoulders	402	364	232	325	640	191	63	60		50	448	53	103	94	85
7. R.R. grade senarations	104	145													
8. Highway grade separations without ramps															
9. Interchanges, complete		200	195	206	83			157						97	
10. Other tridges; tunnels	45	112			37			170	448						
11. Walls												- -			
12. duardrail; fencing; lighting; traffic									1						
control devices	22	64	70	61	71	41	6	75		14	106	1.	27	67	13
13. Roadside improvement	10	22	36	15			2	3		3	23		7	4	5
14. All other items		37													
15. Subtotal, lines 3 to 14	1113	1897	973	905	1350	432	184	644	448	101	914	124	250	401	1.90
16. Construction Engineering & Contingencies,	122														
106 of line 15	111	190	97	91	135	43	18	64	45	10	91	12	25	40	19
17. Total Estimated Cost	1302	2236	1258	1303	1592	510	292	810	517	149	1112	229	427	520	335

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Kontana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
	1	101	1	1	1	1	1	1 1	1	1	1	1	1	1 1	101
Noute identification (Code 1 or 2)	A1.0-A11	111-412.1	A12.1-A122	412.2 - 4123	3 A12.3-A12.	A12.4-A13	1 A13.1-A13.2	A13.2-A13.	3A 13.3-A14	A14-A15	A15-A16	A16-A17	A17-A18	A18-A19	A19 - A20
Section length, miles (O.1 mile)	4.0	5.4	1.8	2.3	0.9	2.5	0.5	0.2	4.3	3.7	2.9	2.1	2.2	1.4	0.2
Class: Rural or Urban		n	:1	R	н	Ř	Ř	R	R	R	R	1	R	R	.1
Location: Existing, new, or toll	J	11	F)	E	Ē	2	E	N	N N	Ľ	N	И	E,	N	N
No. lanes to be constructed this estimate		2	2	1.	2	2	2	2	2	2	2	2		2	
No. through traffic lanes	7)	2	2	1,	2	2	2	2	2	2	2	.1	2	2	1
Finance code		23	22	.23	22	22	22	23	23	22	23	13	22	13	
wate CLASSIFICATION	, , ,				STS (1,000	-			~/	F F			70~		
With GLASSIFICATION			است	TIMATED CC	(1,000	DOTIALS									
l. reliminary engineering															
?. hight-of-way	12	110	1	110	4.3	112	5	5	103	54.	149	1.	. 8	14.	3
3. Clear & grub; temolition		32				8	3		26		9	6	7	7,	The same
4. Utility adjustments	2				3	13	1		12	2	13	1.3	8	57	, 1
5. Irade & Brain; minor structures	174	356				192	12		24.8		137	281	462	115	
6. base; surfacing; shoulders	553	310				118	20		176	119	189	137	123	78	99 84
7. h.R. grade separations		340					90		69						
a. Highway grade separations without ramps												(-1			
4. Interchanges, complete	· -	156						197			159				
O. Other tridges; tunnels		3,72						589	340		_ -		575		1200
1. Walls											-				
2. Juardrail; fencing; lighting; traffic															
control devices	25	61				32	I.		145	40	51	.,1	27	17	
3. hoadside improvement	11	35	6	6	3	7	2		12	11	8	6	6		
A. All other items															
5. Sultotal, lines 3 to 14	1.35	2162	7	6	6	370	132	786	928	172	566	524	1203	2.75	1702
. Construction Engineering & Contingencies,	1.14	216		1		37	13	7:3	93	17	56	53	1.20	25.7	120
7. Total Estimated Cost	1.0.	21,88	8	11.7	50	519	150	270	1124	243	771	584	1331	318	1330

STATE Montana

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Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	l	1	1	1	1	1 1	. 1	1	1	1	1	1	1	1	1
Section	A20-A21	A21-A22.1	A22.1-A222	A22.2-A23	A23-A24.1	A24.1-A242	A24.2-A243	A24.3-A25	A25 - A26	A26-A27.1	A27.1-A27.	2A27.2-A281	L A28.1-A28	2 A28.2-A291	A29.1-A29.2
Section length, miles (0.1 mile)	1.5	1.4	1.5	3.6	4.5	1.7	6.1	1.6	2.3	1.5	2.2	3.6	6.7	1.0	2.5
Class: Rural or Urban	R	R	R	R	7.	R	R	R	Ŭ	R	R	R	11	R	R
location: Existing, new, or toll	N_	E	1/1	Ξ	E	N	N	N	N	N	N	N	N	E	Ŀ
No. Lanes to be constructed this estimate	4	4	4	. 2	22	2	4	4	4	4	4	4	4	4	4
No. through traffic lanes	4	4	4	2	2	2	4	4	4	4	4	4	4	4	l ₄
Finance code	23	22	23	22	22	23	23	23	23	23	23	23	23	22	22
NORK CLASSIFICATION			ES	FIMATED CO	STS (1,00	Dollars)									
				1	1	1	1	ł	1	ı	ı	1	1	1	
l. Preliminary engineering							- 4-						33	6	35
2. Right-of-way	59	30	140	95	193	45	163	43	2231	148	154	278	109	51	55
3. Clear & grub; demolition		4									6	11	20		
4. Utility adjustments		6	3	6	14	6	22	6	20	44	7	51	55	2	35
5. Grade & Drain; minor structures	150	159	81	270	415	155	784	149	474	216	161	455	1103	42	241
6. Base; surfacing; shoulders	206	157	187	267	309	80	1300	339	517	312	457	307	604	83	233
7. R.R. grade separations							111					393	264		
8. Highway grade separations without ramps					32		100	63			111		60		57
9. Interchanges, complete	257		203		158		203	220	511	176	222		208		200
10. Other bridges; tunnels			~-						157		919	453	105		
11. Walls															
12. Guardrail; fencing; lighting; traffic					i			ļ							
control devices	20	40	30	42	55	21	68	25	251	27	71	53	85	6	43
13. Roadside improvement	5	4	4	10	13	5	17	5	6	4	6	10	19	23	7
14. All other items						75									
15. Subtotal, lines 3 to 14	638	370	508	5 9 5	996	342	2605	807	1936	779	1960	1733	2523	156	816
16. Construction Engineering & Contingencies,	,							İ							,
10% of line 15	64	37	51	59	100	34	261	81	194	78	196	173	252	16	82
17. Total Estimated Cost	761	437	699	749	1289	421	3029	931	4361	1005	2310	2184	2917	229	988

STATE	Montana

															
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Moute identification (Code 1 or 2)	11	1	l	11	1	1	1	1	11	1	1	1	1	1	1
Section	A29.2-A293		A30-A31	A31-A32	A32-A33	A33-A34	A34-A35	A35-A36	A36-A37	A37-A38	A38-B1	B1-B2.1	B2.1-B2.2	B2.2-B3	B3-B4
Section length, miles (0.1 mile)	7.4	0.9	5.7	5.8	5.6	2.6	4.5	4.2	5.4	5.4	2.0	4.6	7.6	1.0	3.4
Class: Rural or Urban	R	R	R	R	R	it	ત	તે	R	ı d	R	R	ಗ	R	R
Location: Existing, new, or toll	E	E	E	N	IV.	Е	N	E	E	E	N	E	N	N	N
No. Lanes to be constructed this estimate	4	4	4	4	4	4	<i>L</i> ₄	4	4	4	4	2	2	4	2
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	2	2	4	2
Finance code	22	22	22	23	23	22	23	22	22	22	23	22	23	23	23
NORK CLASSIFICATION			EST	CIMATED CO	STS (1,000	Dollars)									
1. Preliminary engineering	127	6			151		92								
2. Night-of-way	164	20	125 17	89	81	47	147			114	64	120	336	44	187
3. Clear & grub; demolition				17	17	4				16					
4. Utility adjustments	105	13	154	78	29	2	34			38	3	2	24	3	6
5. Grade & Drain; minor structures	1437	25	1.005	627	4380	308	466			623	1159	502	400	52	72
6. Base; surfacing; shoulders	862	106	476	559	550	274	456			469	196	160	513	116	164
7. R.R. grade separations				596	470		691			194	112				
8. Highway grade separations without ramps				57							103		197		
9. Interchanges, complete	430		83		248	203	158			215	287	159	158	123	
10. Other bridges; tunnels				425	657]						107		102	90
ll. Walls							·								
12. Guardrail; fencing; lighting; traffic															
control devices	110	9	79	88	112	43	195			60	80	47	23	19	21
13. Roadside improvement	21	3	17	17	16	7	13	12	15	35	6	13	14	3	10
14. All other items							74								
15. Subtotal, lines 3 to 14	2965	156	1831	2464	6479	841	2087	12	15	1650	1946	990	1319	418	363
16. Construction Engineering & Contingencies,	297	16	183	246	648	84	209	1	2	165	195	99	132	42	36
10% of line 15 Total Estimated Cost	3:53	198	2139	2799	7359	972	2535	13	17	1929	2205	1209	1787	504	586

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

									•						
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Moute identification (Code 1 or 2)	1	1	1	1	1	11	1	1	1	1	1	1	1	1	1
Section	B4 - B5.1	B5.1-B5.2	B5.2-B6	B6-B7_	B7-B8	B8-B9	B9-B10	B10-B12.3			B14.1-B14.2	B14.2-B15	B15-B16	B16-B171	B17.1-B17.2
Section length, miles (0.1 mile)	3.1	3.1	3.8	3.6	3.6	1.6	7.5	=	5.8	7.1	5.3	4.0	3.5	2.9	7.8
Class: Rural or Urban	R	R	R	R	R	R	R	G20.1-G21	ਮ	R	R	R	R	R	R
location: Existing, new, or toll	N	N	N_	E	N	N	E	SEE	N	N	N	N	N	E	N
No. lanes to be constructed this estimate	2	2	2	2	4	4	4	FAI 15	4	4	4	4	2	2	4
No. through traffic lanes	2	2	2	2	4	4	4		4	4	4	4	2	2	2
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	22	23
JORK CLASSIFICATION			EST	'IMATED CO	STS (1,000	Dollars)									-
1. Preliminary engineering									39						
2. Right-of-way	93	48	105	29	49	34	90		179	20	124	139	26	65	145
3. Clear & grub; demolition					3				15	80					
4. Utility adjustments	10	1	7	8	1	20	31		15	46	12	6	17	11	10
5. Grade & Brain; minor structures	109	186	103	54	262	251	893		3726	3859	1409	277	284	79	2569
6. Base; surfacing; shoulders	170	202	257	242	357	159	762		614	744	525	379	187	159	663
7. R.R. grade separations		131				178	127				260				
8. Highway grade separations without ramps	44		42						57	57	57	113			57
O. Interchanges, complete			176		218	200	248		108		250	205		159	108
10. Other bridges; tunnels	20		20	57	26							56			102
11. Walls															
12. Guardrail; fencing; lighting; traffic														_ ,	
control devices	28	36	65	24	67	54	92		80	111	59	48	22	16	119
13. Roadside improvement	9	9	31	10	10	4	21		8	20	15	11	10	8	1,1,
14. All other items															
15. Subtotal, lines 3 to 14	390	565	701	395	944	866	2174		4623	4917	2587	1095	520	1,32	3672
16. Construction Engineering & Contingencies, 10% of line 15	39	56	70	40	94	87	217		462	492	259	110	52	4.3	367
17. Total Estimated Cost	522	669	876	464	1087	987	2481		5303	5429	2970	1344	598	540	4,184

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	11	11	1	1	11	11	1	1	1	1
pection	617.2-B18	B18 - C1	C1 - C2	C2 - C3.	103.1-03.2		C4.1-C4.2		C5.1-C5.2	05.2-06	C6-C7.1	07.1-07.2	07.2-08.1	08.1-08.2	08.2-09
Section length, miles (0.1 mile)	3.0	3.8	2.5	3.5	3.0	7.8	1.5	8.8	8.1	1.0	1.0	3.7	1.9	3.1	3.7
Class: Rural or Urban	ιť	.₹	R	rt	R	۱۲ ا	તે	R	R	ਜ	Ü	it	ત	iĹ	H
incation: Existing, new, or toll	*1	N	N	11	N	N	N	N	N	N	N	E	E	E	E
No. lanes to be constructed this estimat	.e 2	2	. 2	4	4	4	4	4	4	4	4	4	L.	4	1,
No. through traffic lanes	2	2	2	4	4	4	4	4	4	4	4	4	<i>l</i> ₄	14	4
Finance code	23	23	23	23	23	23	23	23	23	23	23	22	22	22	22
.ORK CLASSIFICATION			EST	CIMATED CO	STS (1,000	Dollars)									
1. Freliminary engineering													!		1.24
2. Hight-of-way	56	85	18	81	75	194	60	255	407	28	257	487	194	149	73
3. Clear & grub; demolition	~-			22	9			6							
4. Utility adjustments	I_4	1	2	20	21	22	4	17	10	9	30	35	32	118	51
5. Arade & Drain; minor structures	167	273	203	242	204	514	268	673	363	45	95	231	653	745	2197
6. Base; surfacing; shoulders	159	201	132	727	623	1619	318	1843	1710	212	208	841	209	310	405
7. R.R. grade separations					241		259	140		341	115	209		21,4	Address to the
8. Highway grade separations without ramps					105			213	106	115					
O. Interchanges, complete				213	258	213	250	197	221			391		255	190
10. Other tridges; tunnels				396	455	86		429							
ll. Walls															
12. Quardrail; fencing; lighting; traffic			_												
control dévices	18	23	14	69	52	67	28	98	138	14	79	35	39	73	1,2
13. Roadside improvement	3	11	7	10	3	22	4	25	23	3	3	11	5		26
14. All other items												3"			
15. Subtotal, lines 3 to 14	350	509	358	1699	1982	2543	1131	3641	2571	739	530	1790	1438	1745	2911
16. Construction Engineering & Contingencies 10% of line 15		5]	36	170	198	254	113	364	257	74	53	179	94	175	2 11
17. Total Estimated Cost	1,4,8	54,5	412	1950	2255	2991	1304	1,250	3235	81,1	81.0	2456	1226	2069	3399

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE ___ Montana

									•						
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	11	1	1	11	1	1	1	11	1	1	1	1
Section	C9-C10	C10 - C11	011 - 0121	C12.1-C12.2		C13-C14	C14-C15.1	C15.1-C15.2	C15.2-C153	C15.3-D1	D1 - D2	D2 - D3.1	D3.1-D3.2	D3.2-D4.1	D4.1 - D4.2
Section length, miles (0.1 mile)	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.9	10.4
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
location: Existing, new, or toll	E	E	E	N	N	N	E	E	E	E	E	N	<u>E</u>	N	r\$
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	_4	4	2	4	2	2	2	2	2	,)
Finance code	22	22	22	23	23	23	22	22	23	22	22	23	22	23	22
WORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)									
1. ireliminary engineering	65	28								9	41	51	42	23	
2. hight-of-way	177	126	158	11	26	179	125			41	152	130	153	226	207
3. Clear & grub; demolition															
4. Utility adjustments	131	54	20	1	2	3	46			10	280	34	155	1,1,	100
5. Grade & Drain; minor structures	568	233	498	97	252	379	172			15	114	361	176	100	24,2
6. Base; surfacing; shoulders	585	325	308	19	47	319	441			13	329	218	328	175	598
7. R.R. grade separations															
8. Highway grade separations without ramps						111						62			
9. Interchanges, complete	168		573		~-		422			158	158	158	172	158	
10. Other bridges; tunnels												313	90	25	89
ll. Walls															
12. Guardrail; fencing; lighting; traffic			1									1			l
control devices	42	20	123	4	11	20	51			16	26	32	46	28	65
13. Roadside improvement	14	9	9	1	1	10	13	22	12	1	39	10	10	8	50
14. All other items															
15. Subtotal, lines 3 to 14	1508	641	1531	122	313	842	1145	22	12	213	946	1188	983	538	11/,/,
16. Construction Engineering & Contingencies,	1 253					•		_							
10 <u>6 of line 15</u>	151	64	153	12	31	84	114.	2	1	21	95	119	98	54	11/4
17. Total Estimated Cost	1901	859	1842	145	370	1105	1384	24	13	284	1234	1538	1276	8/,1	1465

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE	Hontana	

					1								•		
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	11	1	1	1	1	1	<u> </u>	11	1	1	1
Section	D4.2-D5	D5.1-D5.2	D5.2-D5.3	D5.3-D6	D6-D7.1	D7.1-D7.2	D7.2-D8	D8 - D9	D9-D10.1	D10.1-D102	D10.2-D11	D11-D12	D12-D13.1	D13.1-D132	D13.2-D14
Section length, miles (0.1 mile)	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
Class: Rural or Urban	R	R	ř.	ñ	h	R	R	<u>д</u>	н	R	R	К	R	ıî.	rť
Location: Existing, new, or toll	N	N	N	E	N	Е	Ε	N	N	Е	N	N	N	E	ك
No. Lanes to be constructed this estimate	2	2	4	2	2	2	2	4	2	2	4	4.	4	L4	4
No. through traffic lanes	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
Finance code	23	23	23	23	23	22	22	23	23	22	23	23	23	22	22
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
1. Preliminary engineering		2	18	17	28	11	33	167	34						
2. Right-of-way	29	12	71	106	70	71	86	306	287	106	275	273	34	58	619
3. Clear & grub; demolition								23							
4. Utility adjustments	19	2	12	19	16	30	57	17	8	8	31	28	66	10	
5. Grade & Drain; minor structures	1,1,	51	244	480	459	170	283	2304	759	83	243	406	14.1	59	
6. Base; surfacing; shoulders	56	17	178	151	134	112	354	706	398	233	188	475	424	227	
7. R.R. grade sevarations					94							311			
8. Highway grade separations without ramps	51				51	33						240			
9. Interchanges, complete			260					423	158	165			475		
10. Other bridges; tunnels					316	50		220	165	60			68	35	may may
11. Walls															
12. Guardrail; fencing; lighting; traffic						i									
control devices	6	13	11	16	15	12	55	149	69	33	22	79	76	11	3
13. Roadside improvement	3	ĺ	5	8	7	6	18	42	27	10	10	13	12	5	18
14. All other items										75					
15. Subtotal, lines 3 to 14	179	84	710	674	1092	413	767	3884	1584	667	494	1552	1262	347	21
16. Construction Engineering & Contingencies, 10% of line 15	18	8	71	67	109	41	77	389	158	66	49	155	126	34	2
17. Total Estimated Cost	226	106	870	864	1299	536	963	4746	2063	839	818	1980	1422	4,39	642

STATE	Montana

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	103
Noute identification (Code 1 or 2)	1	1	1	1	ĺ	1	1	i	1	ĺ	1	ĺ	i i	+	
Section Code 1 of 2)	D14-D15-1	D15.1-D15.2	D15.2-D16	M1-K2	M2-M3	i43-M4	M4-M5	M5-M6	м6-м7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M13
Section length, miles (O.1 mile)	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.9
Class: Rural or Urban	R	R	R	i?	ਜ਼ੇ	Ŕ	R	R	R	R	R	R	R	R	R
location: Existing, new, or toll	N	N	N	N	N	N	И	N	N	E	N	E	E	E	į.
No. lanes to be constructed this estimate	+	4	4	4	4	2	4	4	2	2	2	2	4.	2	,
No. through traffic lanes	1,	4	4	4	4	2	4	4	2	2	2	2	4	2	2
Finance code	23	23	23	23	23	23	23	23	23	22	23	22	22	22	22
JORK CLASSIFICATION			ES		OSTS (1,000	Dollars)									
						•									
1. Preliminary engineering				38	5	3	3			42	72				
2. Right-of-way	402	110	245	202	212	2	22	29	9	51	1C4				
3. Clear & grub; demolition															
4. Utility adjustments	206	34	38	39	1	1			9	3	27				
5. Grade & Drain; minor structures	285	117	255	1702	399	49	57	590	208	209	115	_ -			
6. Base; surfacing; shoulders	490	139	337	1126	103	145	186	390	423	531	440				
7. R.R. grade sevarations	129								89		128				~
8. Highway grade separations without ramps	181		261			- -			~~	40	72				
9. Interchanges, complete	1.39	297	261	618					205		317				
O. Other bridges; tunnels		977		122							371				
1. Walls															
2. Guardrail; fencing; lighting; traffic						!									
control devices	352	36	48	100	23	18	13	27	75	75	108				5
3. Roadside improvement	13	4	10	32	3	8	6	12	41	27	17	7	2	15	2
4. All other items			75												
5. Subtotal, lines 3 to 14	2095	1404	1285	3739	529	221	262	1019	1050	885	1595	7	- 4	15	/
6. Construction Engineering & Contingencies, 10% of line 15	210	160	129	374	53	22	26	102	105	89	160	1		1	1
7. Total Estimated Cost	2707	1874	1659	4353	799	248	313	1150	1164	1067	1 931	8	2	16	8

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE Montana

								_			
Old Interstate route number	103	103	103	103	103	103	103	103			
Houte identification (Code 1 or 2)	1	1	1	1	1	1	1	1	Sub	total	Total
Section	M13-M14	M14-M15	M15-M16	M16-M17	M17-M18	M18-M19	M19-M20	M20-M21	Rural	Urban	For Route
Section length, miles (0.1 mile)	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2	539.3	3.5	54.2.8
Class: Rural or Urban	Ř	R	R	R	R	R	R	Ŕ			
location: Existing, new, or toll	E	E	E	E	E	Ē	Ē	E			
No. Lanes to be constructed this estimate	4	2	2	2	2	2	2	2			
No. through traffic lanes	4	2	2	2	2	2	2	2			
Finance code	22	22	22	22	22	22	22	22			
NORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)					
1. Preliminary engineering				51	20	56	36	22	1818		1818
2. Right-of-way			186	282	28	184	214	44	15027	2499	17526
3. Clear & grub; demolition						34			552		552
4. Utility adjustments		~-		56	12	52	54	5	3435	51	3486
5. Grade & Drain; minor structures			16	353	81	340	257	217	55911	666	56577
6. Base; surfacing; shoulders			15	601	95	604	310	235	42583	744	43327
7. R.R. grade senarations									64,60	115	6575
8. Highway grade separations without ramps	page salah				62	71			3043		301.3
O. Interchanges, complete			316		158		158		15438	511	15949
10. Other bridges; tunnels				53	40	69			11956	157	12113
II. Walls											
12. Guardrail; fencing; lighting; traffic											
control devices				65	26	104	44	26	6169	334	6503
13. Roadside improvement	5	3	43	50	5	33	16	12	1704	10	1714
14. All other items			19						392		392
15. Subtotal, lines 3 to 14	5	3	409	1178	479	1307	839	495	147643	2588	150231
16. Construction Engineering & Contingencies,									2.5%	(),()	3.570.30
10% of line 15	1	0	41	118	48	131	84	49	14764	259	15023
17. Total Estimated Cost	6	3	636	1629	575	1678	1173	610	179252	5346	184598

ignatures:		Date
	State: Name and Title	
		Date
	BPR Division Engineer	

Sheet 1 of 10

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

101 101 101 101 101 Old Interstate route number 101 101 101 Route identification (Code 1 or 2) A6 - A7 A7-A8.1 A2-A3.1 A3.1-A3.2 A3.2-A1 AL-A5.1 45.1-A5.2 A5.2-A6 A8.1-A8.2 A8.2-A8.3 A8.3-A9.1 A9.1-A9.2 A9.2-A9.3 A9.3-A10 A1 - A2Section Section length, miles (0.1 mile 0.9 1.2 7.6 5.5 5.4 5.6 4.6 0.2 0.9 7.9 1.4 2.3 1.2 1.9 R R R R R R R R R R Class: Rural or Urban Location: Existing, new, or toll E Ε E E No. Lanes to be constructed this estimate 2 No. through traffic lanes 22 23 22 22 23 23 23 23 22 22 22 22 22 22 23 Finance code ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost 200 .)7 195 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 112 170 448 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero Total structures Cost 140 120 327 448 No. for which costs estimated 2 5 2 No. in service - cost = zero No. in authorized status - cost = zero 2

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number Route identification (Code 1 or 2) All-Al2.1 Al2.1-Al2.2Al2.2-Al2. 12.3-/12.4/12.4-A13.1/A13.1-A132 Al3.2-Al3.3Al3.3-Al4 All-Als A15-A16 A17-A18 A10-A11 A16-A17 A18-A19 A19-A20 Section Section length, miles (O.1 mile) 4.0 5.4 1.4 0.2 R Class: Rural or Urban R R R R Location: Existing, new, or toll E No. Lanes to be constructed this estimate No. through traffic lanes - 4 22 23 Finance code ESTIMATED COSTS (1,000 Dollare) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 90 7. R.R. grade separations Cost 340 No. for which costs estimated -3 No. in service - cost - zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost 61 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 159 9. Interchanges, complete 197 Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 872 575 10. Other bridges: tunnels 589 1,200 340 Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 368 159 Total structures 736 61 575 Cost 90 1,09 1,200 No. for which costs estimated No. in service - cost = zero _ No. in authorized status - cost - zero

Sheet <u>3 of 10</u>

NEW INTERSTATE ROUTE NO. 90

BY ROUTE SECTIONS WITH ROUTE TOTALS

MONTANA STATE

Cost

Old Interstate route number

Class: Rural or Urban

No. through traffic lanes

Section

Finance code

7. R.R. grade aeparations

Item No. from Table C

Route identification (Code 1 or 2)

Section length, miles (0.1 mile)

Location: Existing, new, or toll

No. for which costs estimated No. in service - cost = zero

WORK CLASSIFICATION

No. in authorized statue - coat = zero

101 101 101 101 101 101 101 101 101 101 101 101 101 1 1 A27.1-A27.2A27.2-A28.1A28.1-A28.2A282-A29.1 A29.1-A29.2 A20-A21 A21-A22.1 A22.1-A22.2A22.2-A23 A23-A24.1 A24.1-A24.2A24.2-A24.3A24.3-A25 A25-A26 A26-A27.1 1.6 1.4 3.6 6.1 6.7 2.5 R R R R R R R $_{R}$ R N E N E E N N \mathbf{E} 2 2 No. Lanes to be constructed this estimate 2 2 2 23 23 22 23 22 22 23 23 23 23 23 23 23 22 22 ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES 111

8. Highway grade separations without							,								
ramps Coat	_	_			32	_	100	63	-	_	111		60	ove	57
No. for which costs eatimated	_	_	-	_	1	-	1	1	-	_	1	_	1	-	1
No. in service - cost = zero	_	_	_	_	-	-	-	-	-	-	-	-	-	-	- [
No. in authorized status - cost - zero	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9. Interchanges, complete Cost	257	_	203	_	158	~	203	220	511	176	222	_	208	-	200
No. for which costs estimated	1	-	1	-	1	-	1	1	2	1	1	_	1.	-	1
No. in service - cost = zero	_	-	-	-	_	-	-	-	-	-	-	-	-	-	_
No. in authorized status - cost = zero	-	_	-	_	-	-	_	-	-	-	-	_	_	-	-
10. Other bridges: tunnels Cost	_	_	-	_	_	-	_	_	157		919	453	105	-	_
No. for which costs estimated	_	_	_	_	_	_	_	_	1	_	2	1	1	_	-
No. in service - cost = zero	_	-	***	_	_	_	-	_	_	-	1-49	_	_	_	
No. in authorized status - cost = zero	-	_	-	_	-	-	-	-	-		_	-	-	-	-
Total structures Cost	251		203		190	_	414	_283	668	176	1252	846	637		257
No. for which costs estimated	1	_	1	_	2	_	3	2	3	1	4	3	<i>L</i> ₊	_	2
No. in service - cost = zero	_	_	_	_	_	_	-	-	_ }	_	_	_	-	-	_
No. in authorized status - cost = zero	-	_	-	-	-	-	-	-	-	-	_	-	-	-	_
					<u></u>										

Sheet 4 of 10

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

1 A29.2-A29.3 7.4 R E 4 22	1 A29.3-A30 0.9 R E 4 22	1 A30-A31 5.7 R E 4 4	1 A31-A32 5.8 R N 4 23	1 A32-A33 5.6 R N 4 4 23 ESTIMATEL	1 A33-A34 2.6 R E 4 4 22 COSTS (1,00	1 A34-A35 4.5 R N 4 4 23 DO Dollars)	1 A35-A36 4.2 R E 4 4 22 AND NUMBER	1 A36-A37 5•4 R E 4 22	1 A37-A38 5.4 R E 4 4	1 A38-B1 2.0 R N 4 4	1 B1-B2.1 4.6 R N 2 2	1 B2.1-B2.2 7.6 R N 2	101 1 B2.2-B3 1.0 R N 4 4	101 1 B3-B4 3.4 R N 2
7 • 4 R E 4 4 22	0.9 R E 4 4 22	5 • 7 R E 4	5.8 R N 4	5.6 R N 4 4 23	2.6 R E 4 4 22	4.5 R N 4 4 23	4.2 R E 4 4 22	5.4 R E 4 -4 22	5 • 4 R E 4	2.0 R N 4	4.6 R N 2	7.6 R N 2	1.0 R N 4	3.4 R N 2
R E 4 4 22	R E 4 4 22	R E 4 4	R N 4 4	R N 4 4 23	R E 4 4 22	R N 4 4 23	R E 4 4 22	R E 4 -4 -22	R E 4	R N 4 4	R N 2 2	R N 2 2 2	R N 4 4	3.4 R N 2
E 4 4 22	E 4 22	E 4 4	N 4 4	N 4 4 23	E 4 4 22	N 4 4 23	E 4 4 22	E 4 4 22	E 4 4	N 4 4	N 2 2	N 2 2	N L ₄ L ₄	R N 2
4 4 22	<u>4</u> 22	4 4	<u>L</u>	4 4 23	4 4 22		4 22	4 - 4 - 22	<u>4</u> 4	4 4	2 2	2 2	<u></u>	2 2
	22	14	4				4 22 AND NUMBER	4 22	4 4 22	4 4 23	2	2	<u>L</u> ₄	2
		22					22 AND NUMBER	22	22	23			4	
		22	23				AND NUMBER	22	22	23	23	0.0		
-	-			ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OD OBSTICATIO				23	23	23
-	-		1		1	ı	1	OF STRUCTUR	æs		ı			
-	_	I												
		_	596	470		691	-		194	112		-	-	-
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430	_	83	-	248	203	158	-	-	215	287	1.59	158	123	
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430	-	83	1078	1375	203	849		-	409	502	266	355	225	90
2	_	1	3	3	1	4	-	_	2	3	2	5	2	
_	_	_	_	_	_	_	2	5	_	-	_	-	_	-
_	_	_	-	-	-	-	-	-	-	-	_	-	_	-
	- - - 430 2 - - - - - - 430			57 1 1 1	57 1	57	57	57 2 1 2 2	57		57 103 1 - 1 2 3 1 2 3 1 2 3	57 103 1 1 1 1 1 1 1 1 1 1 1	57	

Sheet <u>5 of 10</u>

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101.	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	11	1	1	11	1	1	1	1	11])	1	1.	1
Section	B4-B5.1	B5.1-B5.2	B5.2-B6	B6-B7	B7-B8	B8-B9	B9-B10	B10-B12.3	B12.3-B13	B13-B14.1	B14.1-B14.2	B14.2-B15	B15-B16	B16-B17.1	B17.1-B17
Section length, miles (O.1 mile)	3.1	3.1	3.8	3.6	3.6	1.6	7.5	=	5.8	7.1	5.3.	4.0	3.5	2.9	7.8
Clasa: Rural or Urban	R	R	R	R	R	R	R	G20.1-G21	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N.	N	Ē	N	N	E		N	N	N	N N	N	E	N
No. Lanes to be constructed this estimate	2	2	2	2	4	4	4	(See	4	4	4		2	2	6
No. through traffic lanes	2	2	2	2	4	4	4	FAT 15)	4	6	1,	4	2	, >	4
Finance code	23	23	23	22	23	23	22		23	23	23	23	23	2.2	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
No. from									l						1
able C															
R.R. grade separations Cost	_	131	-	-		178	127			-	260	_	_		-
No. for which costs estimated	-	1	-	_	-	1	1		_	-	1	_	-		-
No. in eervice - cost = zero	-	-	-	-	_	_	-		_	-	_	-	_		-
No. in authorized status - cost = zero	-	_	-	_	-	_	-	1	-	-	_	_	_	_	-
Highway grade separations without								1				330			
rampa Coat	44	-	42	_	-	-			57	57	5'1	113	_		57
No. for which costs estimated	1	-	1	-	_	_	_	ļ	1	1	1	2	_		1.
No. in service - cost = zero	-	-	_	_	_	_	_		-	-	-	udP	_		-
No. in authorized status - cost = zero	-	_	-	_	-	-	-		_		-	-	_		_
Interchanges, complete Cost	-	_	1/6	-	218	200	248	E5	108	_	250	205	yell	15	1.08
No. for which costs estimated	-	_	1	_	1	1	1	Ŀ	1	_	1]	_		1
No. in service - cost = zero	_	_	_	_		_			_	_	_	_	_	_	
No. in authorized status - cost = zero	-	-	-	_	_	_	_	l X	_		_	-	_		_
Other bridges: tunnels Cost	20	_	20	57	26	_	_	DENT	_	_	_	56	_	maged.	102
No. for which costs estimated	1	_	7	7	1	_	_		_	_	_	7	_		1
No. in service - cost = zero	_	_	_				_	COINC		_		1.			_
No. in authorized status - cost = zero		_	-	_	_	_	_	8	_	_	-	_	_		_
Total structures Cost	64	131	238	57	244	378	375		165	57	567	374	_	150	267
No. for which costs estimated	2	7	3	1	2	2	2	 	2	1	2	1	_		3
No, in service - cost = zero	_			T		1			l	1)	-	_		
No. in authorized status - cost = zero	_	_	-	_	-	-	_		_	_	_	-	_		_
111 dadnot 1000 0 000 0 - Coby - Colo	-	_	_	_	_	_	_		_	_	_	_	_		_

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO.

Sheet

___6 of 10

101 101 101 101 Old Interstate route number 101 101 Route identification (Code 1 or 2) ٦ ٦ C3.1-C3.2 C3.2-C4.1 C4.1-C4.2 C4.2-C5.1 C5.1-C5.2 C5.2-C6 C2-C3 C6-C7.1 Section B17.2-B18 B18-C1 C1-C2 C7.1-C7.2 C7.2-C8.1 C8.1-C8.2 C8.2-C9 Section length, miles (O.1 mile) 3.0 1.5 8.8 8.1 3.0 3.8 2.5 1.0 1.9 3.7 3.7 Class: Rural or Urban R R R R R R R R R R U R Location: Existing, new, or toll E No. Lanes to be constructed this estimate 4 No. through traffic lanes 23 23 23 23 23 23 23 23 23 Finance code 23 22 22 22 ESTIMATED COSTS (1.000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost 27.7 120 No. for which costa estimated No. in service - cost = zero No. in authorized statua - coat = zero 8. Highway grade separations without ramps Cost 106 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost - zero 9. Interchanges, complete Cost 21.3 258 213 197 190 250 221 391 255 No. for which costs estimated 1 1 1 No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 455 86 429 No. for which costs estimated 3 1 No. in service - cost = zero No. in authorized statue - cost = zero Total structures 609 1060 499 190 Cost 299 509 327 979 No. for which costs estimated 7 2 3 2 3 No. in service - cost = zero No. in suthorized status - cost = zero

BY ROUTE SECTIONS WITH ROUTE TOTALS

NEW INTERSTATE ROUTE NO. 90

Old Interstate route number	101	101	101	101	1.01	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	11	11	1	1	1	1	1	1	1	1	1
Section	C9-C10	C10-C11			2 C12.2-C13	C13-C14	C14-C15.1	C15.1-C15.2	C15.2-C15.3	C15.3-D1	D1-D2	D2-D3.1	D3.1-D3.2	D3.2-D4.1	D4.1-D4.2
Section length, miles (0.1 mile)	5.1	3.2	3.0	0.2	0.5	3.4	4.7	7.7	4.1	0.4	13.6	3.5	5.7	2.9	10.4
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	E	N	N	N	N	Е	E	E	E	E	N	E	N	E
No. Lanes to be constructed this estimate	4	4	4	4	44	4	4	2	4	2	2	2	2	2	2
No. through traffic lanes	4	4	4	4	4	4	4	2	4	2	2	2	2	2	2
Finance code	22	22	23	23	23	23	22	22	22	22	22	23	22	23	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
Item No. from Table C															
7. R.R. grade separations Cost				<u> </u>	_									_	
No. for which costs estimated	_	_	_	-	_	_	_	_	_		-	-	_	_	_
No. in service - cost * zero	_	_	_	_	-	-	_	_ ,	_	-	~	_		-	-
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_ ,	-	_	_	_	_	desire	_
8. Highway grade separations without															
ramps Cost				_	_	111		_			_	62	_	_	_
No. for which costs estimated	_	_	_	_	_	1	_	-	_	_	_	1	_	_	_
No. in service - cost * zero	_	_	_	_	_	_	_	– i	_	_	-	_	-		_
No. in authorized status - cost = zero	-	_	_	_	_	-	_	_	-	-	_	_	-		-
9. Interchanges, complete Cost	168	_	573	_	_	-	422	_	_	158	158	158	172	1.58	_
No. for which costs estimated	1.	_	2	-	_	-	2	_		1	1	וַ	1		-
No. in service - cost = zero	_	_	_	_	_	_	_	1	1	_	_	_	****	_	_
No. in authorized status - cost = zero	-	_	_	_	_	-	_	_	_	-	-	-	_	-	-
10. Other bridges: tunnels Cost	_	_	_	_	_	_	_	_	_	-	_	313	90	25	89
No. for which costs estimated	_		_	_	_		_	_	_	_	_	2	2		2
No. in service - cost = zero	-	_		_	_	_	_] 7	_	_	~	_	_		
No. in authorized status - cost = zero	_	_	_	_	3.	_	_	_	_	_	_	-	_		_
Total structures Cost	5/5		500							2 " "	gy and add		0/0	2 00	
	168	-	573		-	111	422	-	_	158	158	533	262	183	89
No. for which costs estimated	1	-	2	_	-	1	2	-	-	1	1	Z ₊	3	- 2	2
No. in service - cost = zero	_	_	_	_	_	_	_	2	1	-	_	_	-	_	-
No. in suthorized status - cost = zero	_	_	_	_	1 1	_	_	-	-	-	_	_	_	_	-

Sheet <u>7</u> of 10

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

Sheet 8 of 10

Old Interetate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1		11	<u> </u>	1	1	11	1	1	11	1	
Section	D4.2-D5.1	D5.1-D5.2			D6-D7.1	D7.1-D7.2		D8 _ D9	D9-D10_1	D10.1-D0.2		D11-D12	D12-D13.1	D13.1-D132	D13.2-D
Section length, miles (0.1 mile)	1.0	0.3	1.8	2.7	2.4	2.0	6.2	7.8	9.5	3.6	3.5	4.6	4.1	1.8	6.4
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N	E	N	E	E	N	N	E	<u> </u>	N	N	E	E
No. Lanes to be constructed this estimate	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
No. through traffic lanes	2	2	4	2	2	2	2	4	2	2	4	4	4	4	4
Finance code	23	23	23	22	23	22	22	23	23	22	23	23	23	22	22
WORK CLASSIFICATION			·		ESTIMATED	COSTS (1,00	O Dollars)	AND NUMBER	OF STRUCTU	RES		<u>-</u>			
em No. from Table C															
7. R.R. grade separations Cost	_	_		_	94	_	_	_	_			311			
No. for which costs estimated		_			1			<u> </u>	-			2		-	
No. in service - cost = zero	<u>-</u>		_	- -		_	_	_	_		_	~	_	_	_
No. in authorized status - coet = zero	_	_	_	_		_	_	_	_		-	_	_	_	_
3. Highway grade separations without	-	_	-	<u>-</u>	_	_	_	-	<u> </u>] -	-	_		_	_
ramps Cost	51	i _	_		51	33						240			
No. for which costs estimated	1			<u>-</u>	1	1	-		 			2		-	-
No. in service - cost = zero	Τ.	_	_	_		1	-	-	_	-	-	2	_	_	-
No. in authorized status - cost = zero	-	-	-	_	-	-	-	-	-	-	-	-	_	_	_
1100 211 0001012200 00000 0000 0000	-	_	-	_	-	_	-	_	_	-	-	-	_	-	2
. Interchanges, complete Cost	-	_	260	_	_	_	_	423	158	165	_	_	475	_	_
No. for which costs estimated	_	_	1		_	† <u> </u>	_	2	1	1	_	_	2		_
No. in service - cost = zero	-	_	_	_	_	_	_	~			_	_	_~	_	_
No. in authorized status - cost = zero		_	_		_	_	_	_		_	_			_	
		:		_			_			_	-	_	_	_	_
O. Other bridges: tunnels Cost	-	_	_	_	316	50	_	220	165	60	=	_	68	35	_
No. for which costs estimated		_	 -	_	1	1		2	3	1	_	_	7	1	_
No. in service - cost = zero	_	_	_				_	<i>د</i>			_	_		_	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	1 - 1	_	_	_	_	2
2010				_	-			_	-		_	_	_		~
Total structures Cost	51	_	260		461	83	-	643	323	225		551	543	35	_
No. for which costs estimated	1	_	1	-	3	2	-	4	4	2	_	4	3	1	_
No. in service - cost = zero	_	_	_	_	_	_	_	_ `			_	_ `	_	-	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_	_	
x ddonoriadd ddddd - Cobu - 2010	_	_	-	<u>-</u>	_	-	-	_	_	i - I	-	_	_		

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

Sheet 9 of 10

Old Interstate route number	101	101	101	103	103	103	103	103	103	103	103	103	103	103	101
Route identification (Code 1 or 2)	1	11	1	11	1	1	1	11	1	1	11	1	1	11	1
Section	D14-D15.1	D15.1-D15.	2 D15.2-D16	M1-M2	M2-M3	M3-M4	M4-M5	M5-M6	M6-M7	M7-M8	M8-M9	M9-M10	M10-M11	M11-M12	M12-M
Section length, miles (0.1 mile)	4.6	1.4	3.4	11.1	1.0	2.9	2.1	4.3	7.5	9.5	6.0	2.4	0.7	5.1	0.0
Class: Rural or Urban	R_	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	N	N_	N	N	NN	N	N	N	E_	N	E	E	E	E
No. Lanes to be constructed this estimate	4	4	4	4	4	2	4	4	2	2	2	2	4	2	4
No. through traffic lanes	4	4	4	4	4	2	4	4	. 2	2	2	2	4	2	1
Finance code	23	23	23	23	23	23	23	23	23	22	23	22	22	22	22
WORK CLASSIFICATION					ESTIMATED	COSTS (1,00	00 Dollars)	AND NUMBER	OF STRUCTU	RES					
No. from						1	1	1	1	1	1				
able C	1									}			}		
R.R. grade separations Cost	129						_	-	89		128	_	_	_	_
No. for which costs estimated	1	-	-	_	_	_	-	-	1	-	2		_	_	_
No. in service - cost = zero	_	_	_	i <u>-</u>	_	_	-	_	_	_	-	_	-	_	_
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	-	_	_	_	_	_	_
Highway grade separations without							+								
ramps Cost	181	_	261	_	-	_	_	_	_	40	72	_	_	_	-
No. for which costs estimated	2	_	2	_	_	 	-	_	_	1	ī	_	-	_	-
No. in service - cost = zero	_	_	_	l <u>-</u>	_	_	_	_	_	_	-	-	_	_	_
No. in authorized status - cost = zero	_	-	-	-	_	_	-	_	_	-	_	_	-	_	_
Interchanges, complete Cost	439	297	261	618	_	_	_	_	205	_	317	_	_	_	_
No. for which costs estimated	2	1	1	 		 			1		2			_	
No. in service - cost = zero	_ ~		Τ.	3	-	1 -	_	_		_		_	7	_	1
No. in authorized status - cost = zero	_	-	-	-	-	-	-	<u> </u>	-	_	_	_	1		1
2010	_	-	-	-	-	_	-	-	-	_	_	-	_	_	-
Other bridges: tunnels Cost	_	977	_	122	_	_	_	_	_	_	371	_	_	_	_
No. for which costs estimated	_	1	_	2	_	_	_	_	_	-	2	-	_	_	_
No. in service - cost = zero	_	_	_	_	<u> </u>	_	_	Í _	i _	_	_	_	_	_	1
No. in authorized status - cost = zero	_	-	-	-	-	-	_	-	_	-	_	-	-	-	-
Total structures Cost	749	1274	522	740			_	_	294	40	888	_	_	_	_
No. for which costs estimated	5	2	3	5				 		7	7	 			_
No. in service - cost = zero			-	t ·	-	_	-	_	2	1					2
No. in authorized status - cost = zero	_	-	-	-	<u> </u>	-	_	-	_	_	_	_		_	~
THE AUDIOLIZED SCALUS - COST - ZGLO	_	_	-	-	_	-	_	_	-	-	_	_	_	_	_

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

NEW INTERSTATE ROUTE NO. 90

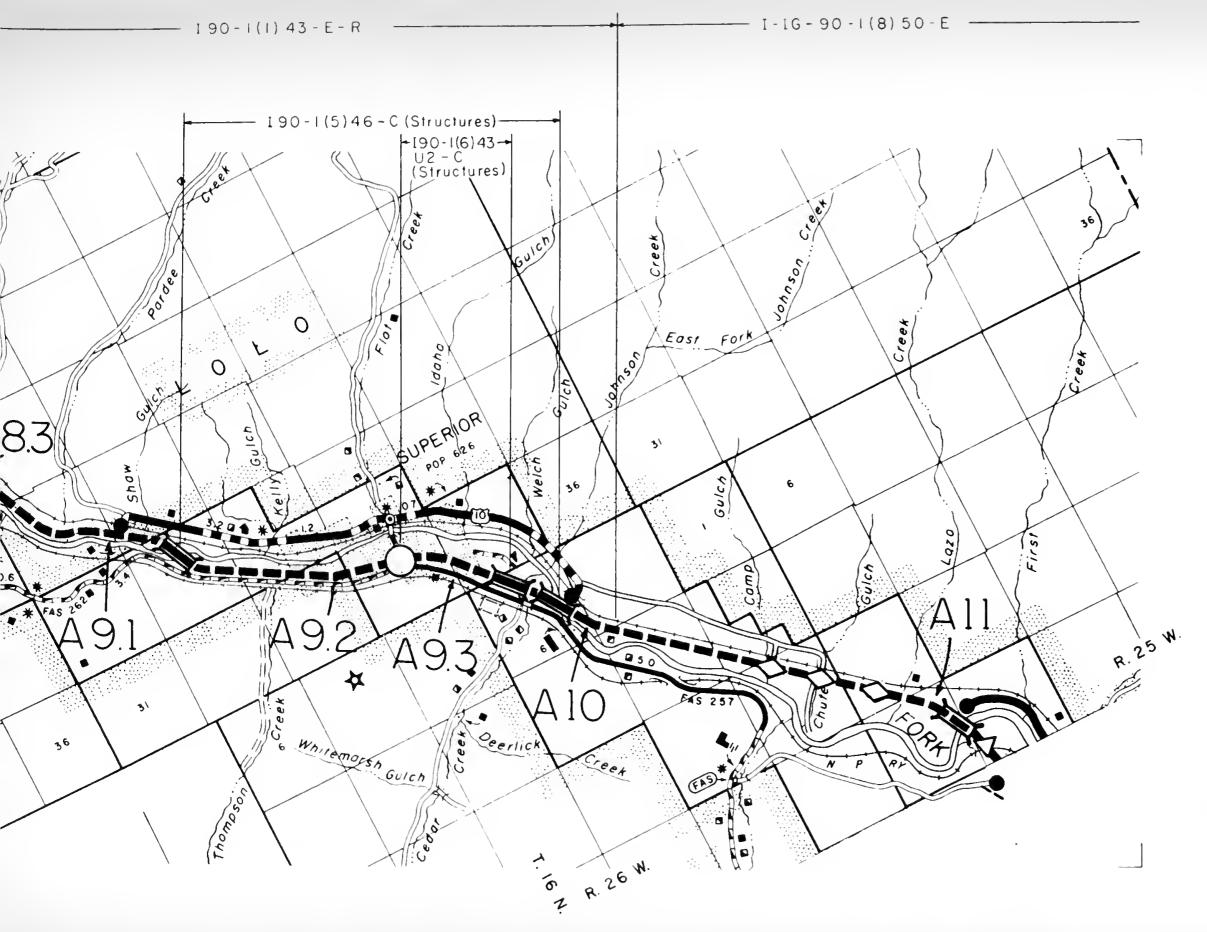
Old Interstate route number	103	103	103	103	103	103	103	103						
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	l				Sub	total	Total
Section	M13-M14	M14-M15	M15-1116	M16-M17	M17-M18	M18-M19	119-1120	M20-M21				Rural	Urban	For Rout
Section length, miles (0.1 mile)	1.7	0.8	6.6	10.6	1.7	11.4	5.4	4.2				539.3	3.5	542.8
Class: Rural or Urban	R	R	P	R	R	R	B	R						
Location: Existing, new, or toll	E	E	E	E	E	E	E	E					-	
No. Lanes to be constructed this estimate	1,	2	2	2	2	2	2	2						
No. through traffic lanes	6	2	2	2	2	2	2	2						
Finance code	2.2	22	22	22	22	22	22	22						
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTURES					
m No. from			,						1	1				
Table C														
. R.H. grade separations Cost				-	-		-	-				64(1)	110	6575
No. for which costs estimated	-	-	-	-	_	-	-	-	}			38	1	39
No. in service - cost - zero	-	-	-	_	_	-	-	_				1	_	1
No. in authorized status - cost - zero	-	-	-	-	-	-	-	-	1			_		-
. Highway grade separations without								1						
rampa		-		-	(2	71	-	-				3043	-	3043
No. for which costs estimated	-	-	-	-	1	1	-	-				4.1	-	7,1
No. in service - cost = zero	-	-	-	-	_	-	-	-				41		5
No. in authorized status - cost - zero	-	-	-	-	-	-	_	_				2	_	2
. Interchanges, complete Cost	-	_	310	_	158	_	158	_				154,38	1,11	15949
No. for which costs estimated	-	_	2	_	1	_	1	_				1.8	,	80
No. in service - cost - zero	1	_	_	_		_						1 ()	,	00
No. in authorized status - cost - zero	-	-	-	_	-	-	_	_				-	_	
. Other bridges: tunnels Cost	_	-	-	53	40	69						11956	4	12113
No. for which costs estimated	-	_		77	1	1	-	-			_	62		-
No. in service - cost - zero		-		-	_	7	_	-				0.2		63
No. in authorized status - cost - zero	-	1	1	_	_	-	-	-				1,		4
THE THE BURGLE - COSC - Zelo	_	~	-	_	-	-	-	~				(,	-	6
Total structures Cost		-	31(53	200	140	158	_				36897	, :3	37680
No. for which costs estimated	_		2	1	3	2	1					219	/,	.223
No. in service - cost = zero	1	1	1		,		_ 1	-				18	,	18
No. in authorized status - cost - zero	_	<u> </u>	_		-	-	_	_				,	_	8
2010	_	_	_	_	_	_	_	_				1		0

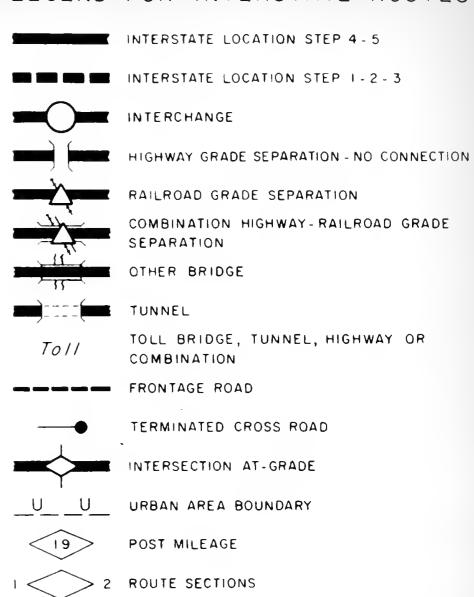
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State:	Name and Title	
		Date
BPR Div	ision Engineer	

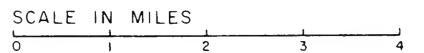
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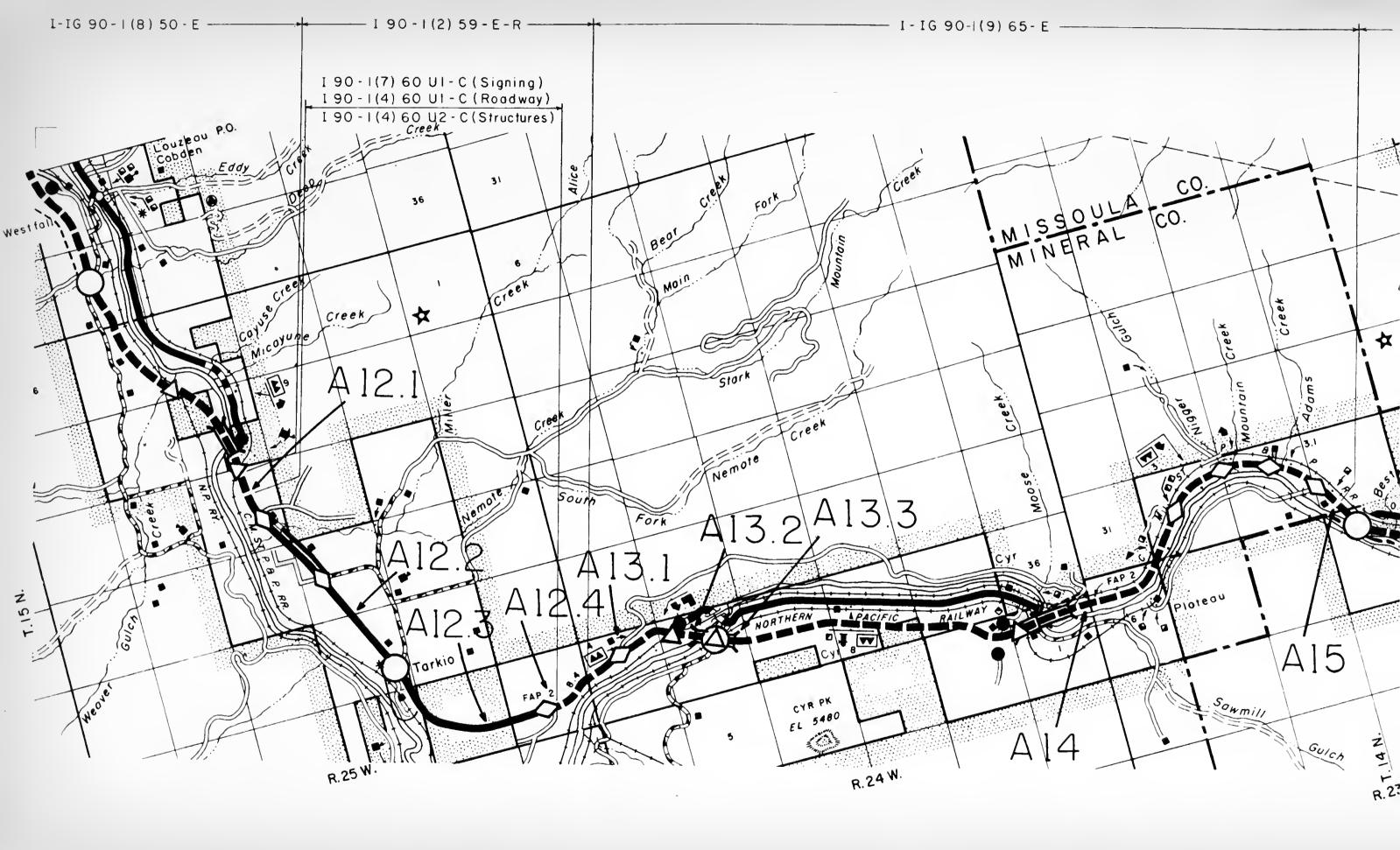


MONTANA

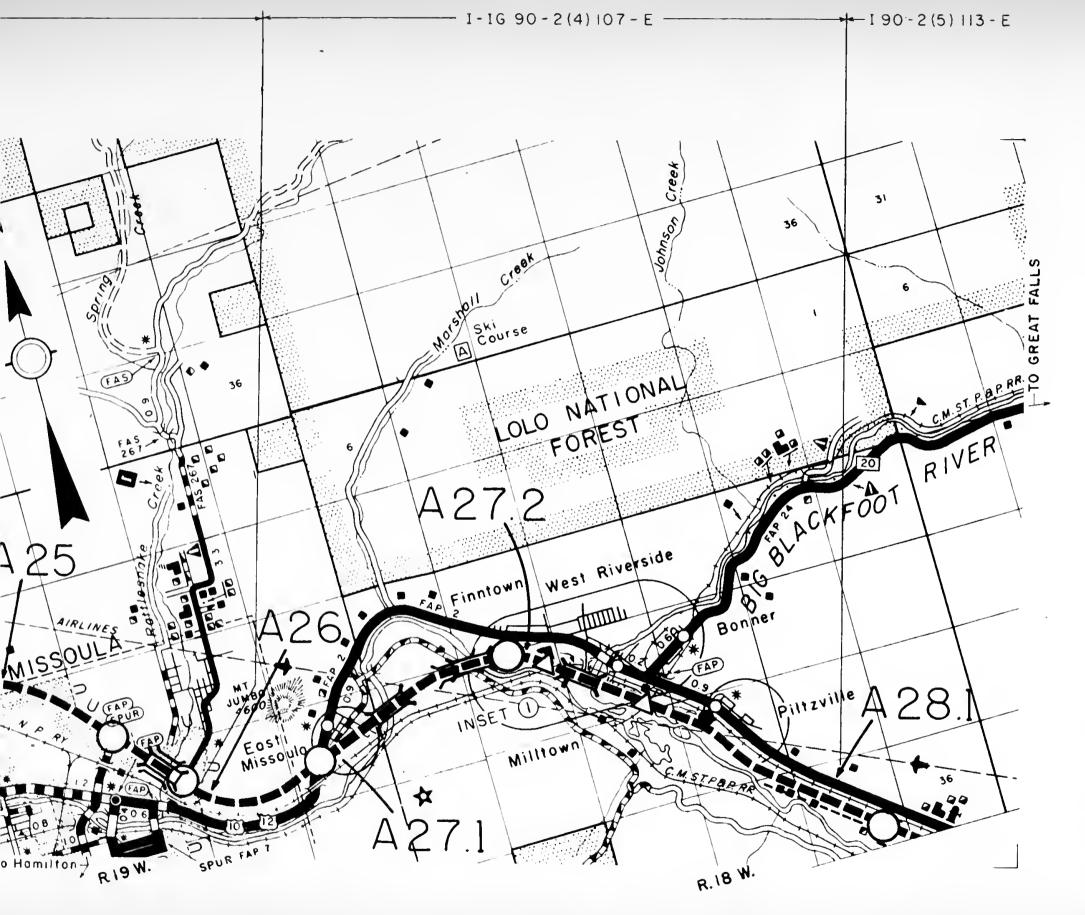
INTERSTATE ROUTE 90 (101)

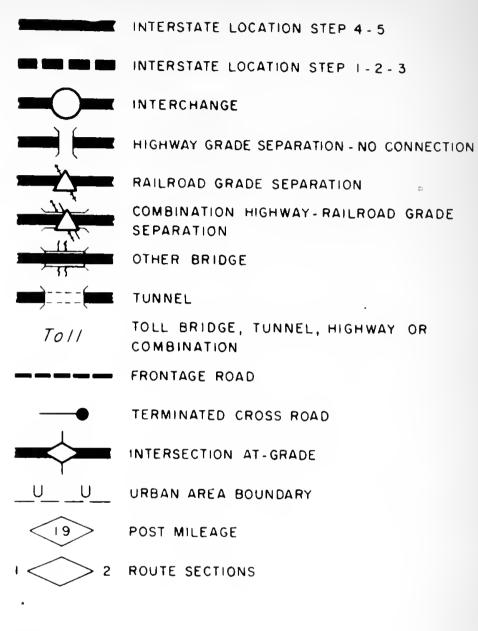
Sheet | of ||

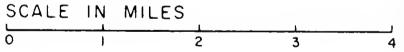
Date January 1, 1960











MONTANA

INTERSTATE ROUTE 90 (101)

Sheet 2 of 11

Date January 1, 1960

INTERSTATE LOCATION STEP 4 - 5

INTERSTATE LOCATION STEP 1-2-3

INTERCHANGE

HIGHWAY GRADE SEPARATION - NO CONNECTION

RAILROAD GRADE SEPARATION

COMBINATION HIGHWAY-RAILROAD GRADE

SEPARATION

OTHER BRIDGE

TOTAL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION

FRONTAGE ROAD

TUNNEL

TERMINATED CROSS ROAD

INTERSECTION AT-GRADE

U U URBAN AREA BOUNDARY

POST MILEAGE

2 ROUTE SECTIONS

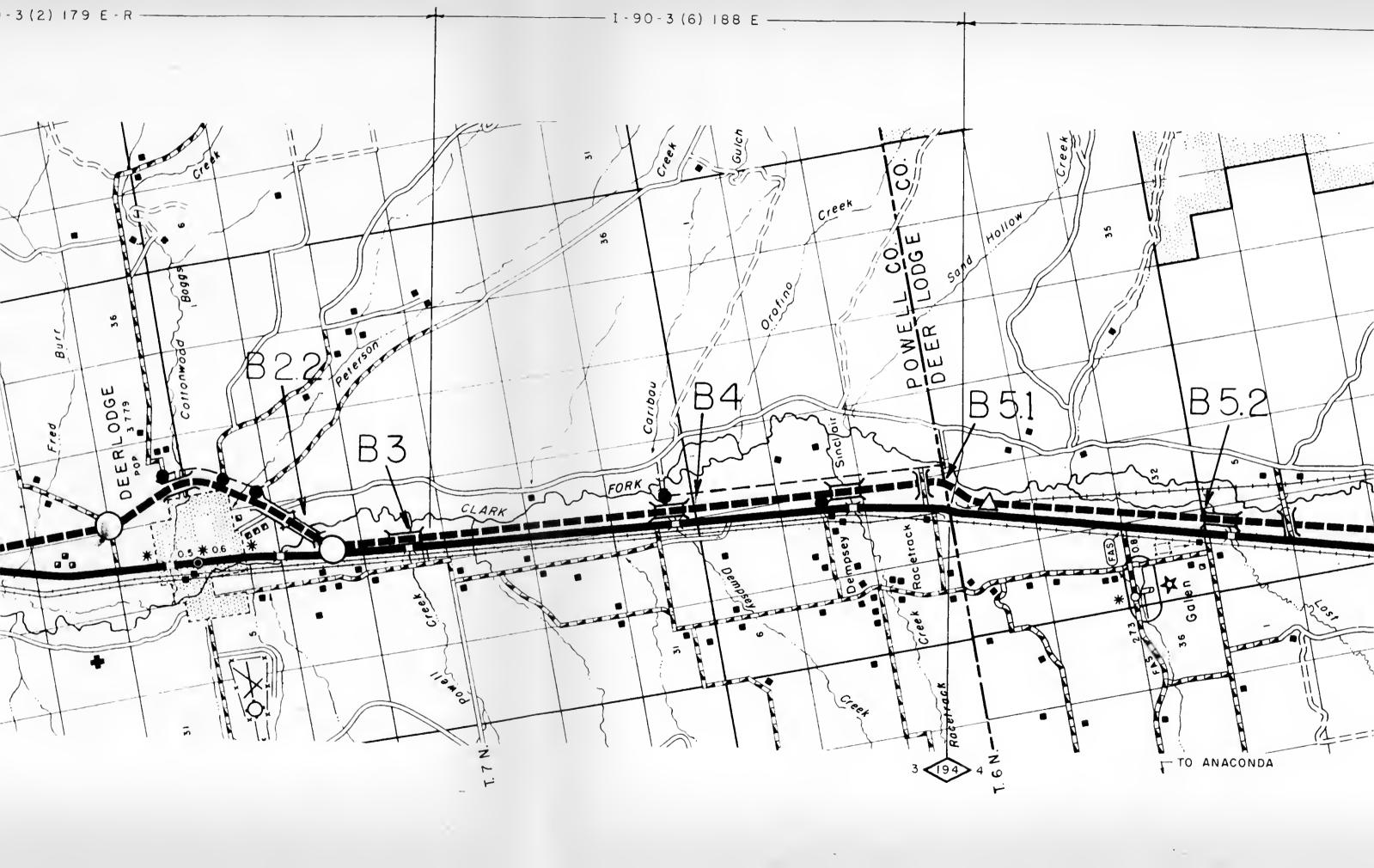
SCALE IN MILES
0 1 2 3 4

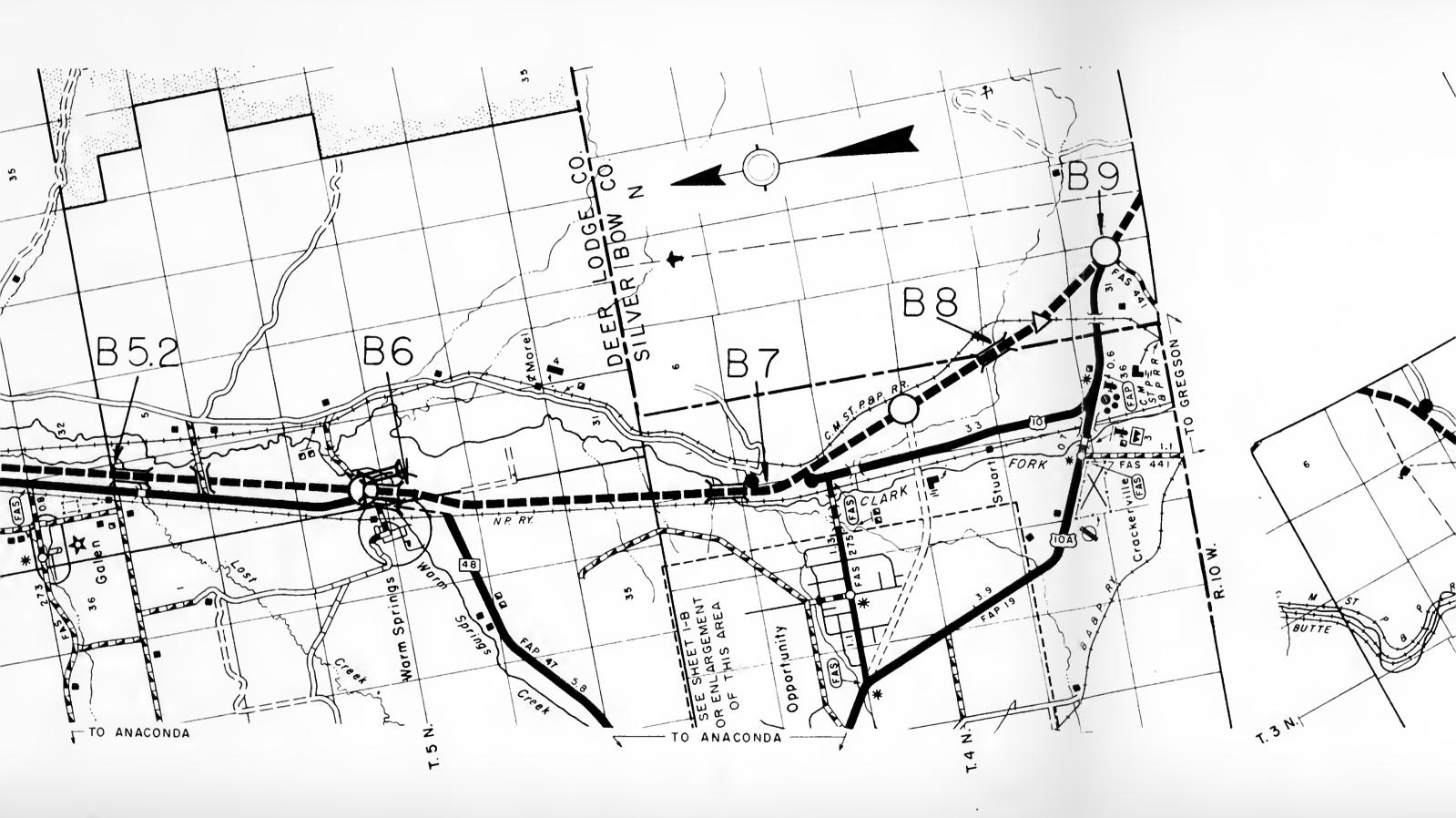
MONTANA

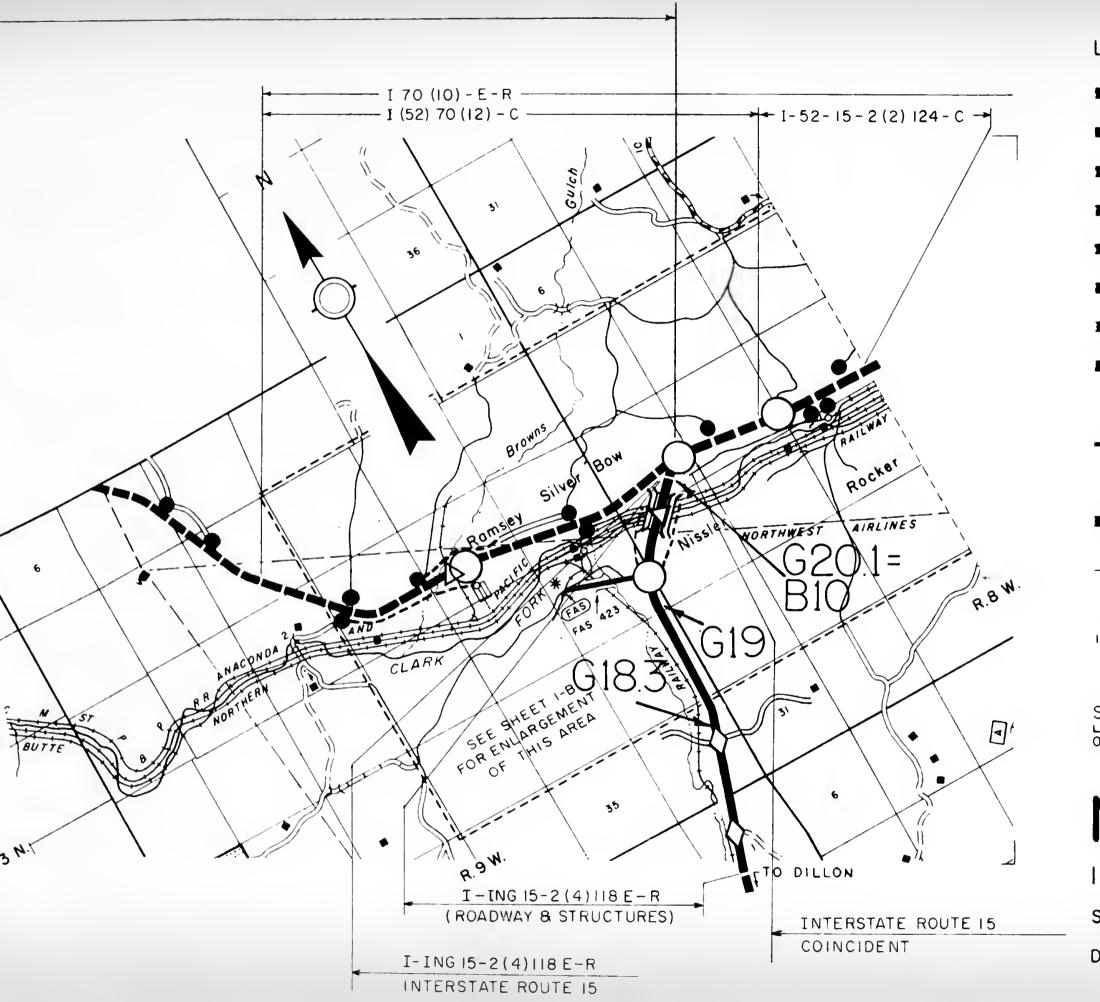
INTERSTATE ROUTE 90 (101)

Sheet 3 of 11

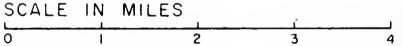
Date January 1, 1960







INTERSTATE LOCATION STEP 4 - 5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS

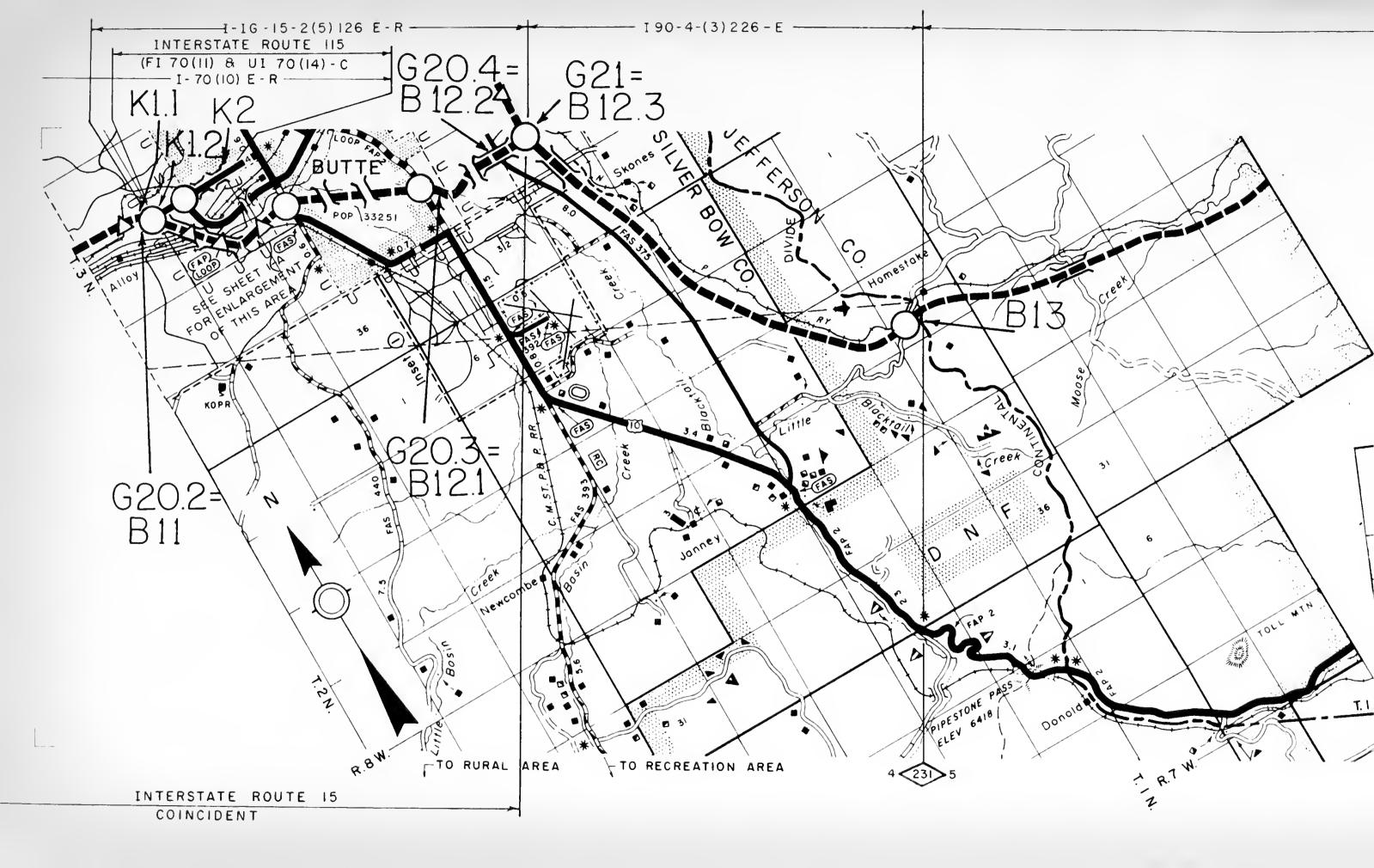


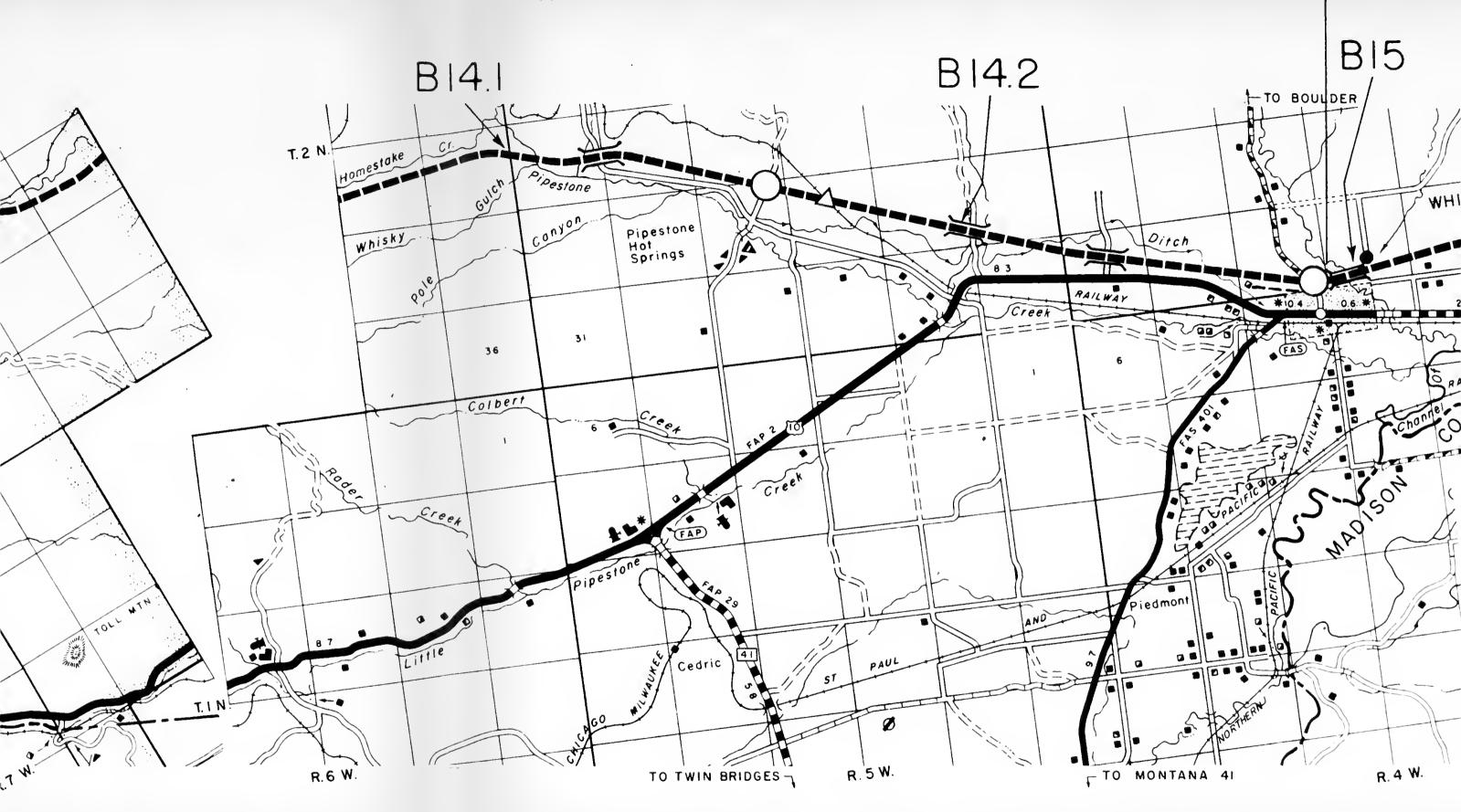
MONTANA

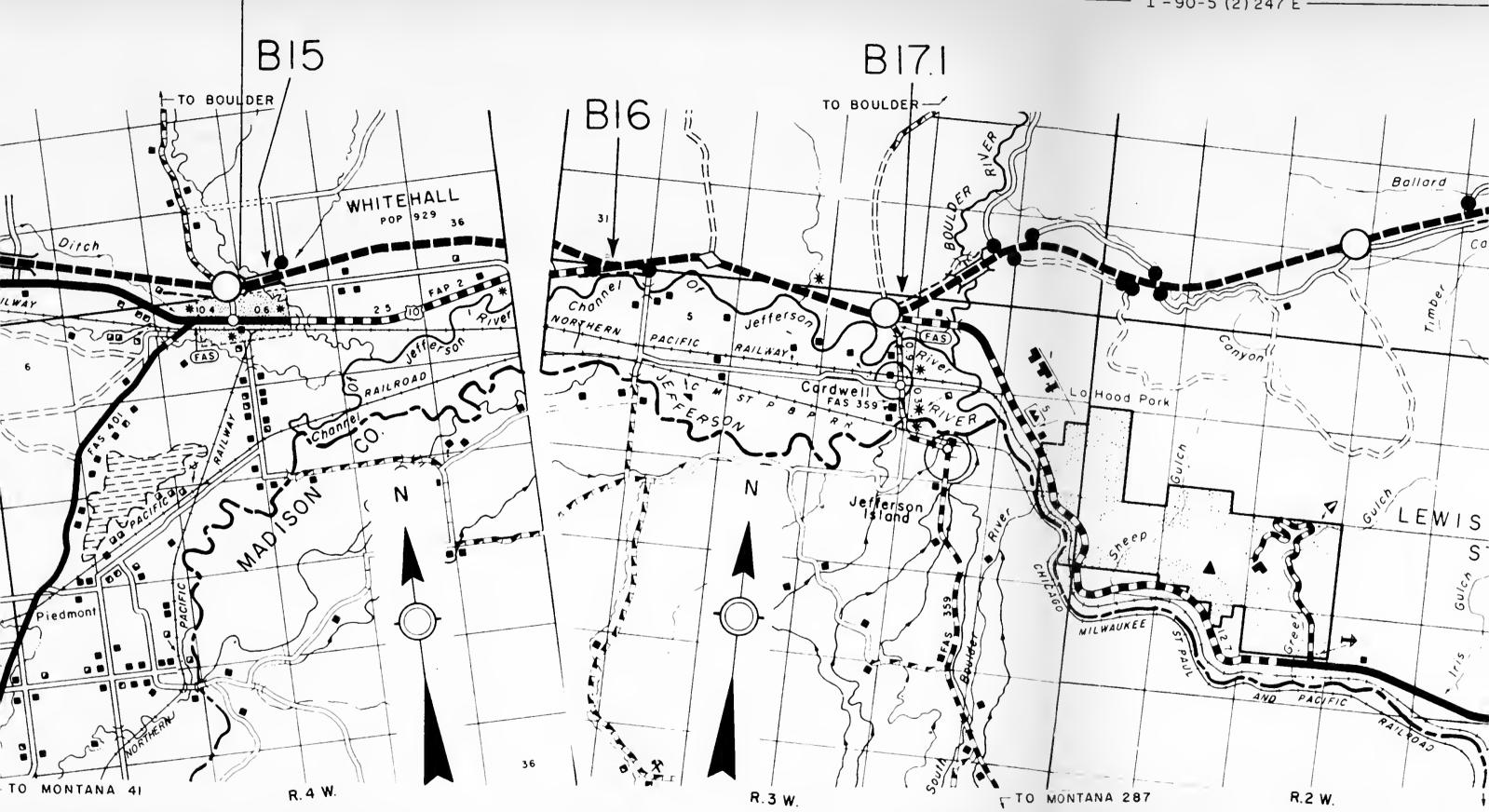
INTERSTATE ROUTE 90 (101)

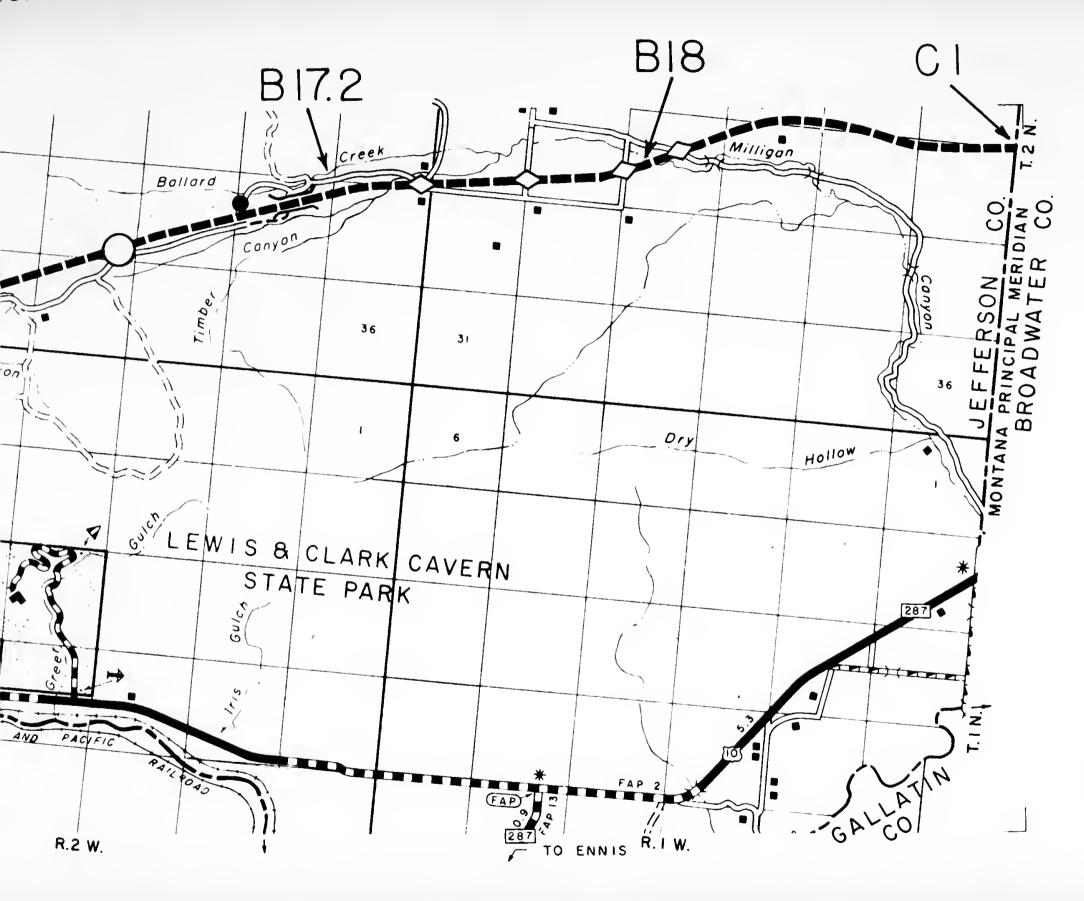
Sheet 4 of 11

Date January I, 1960

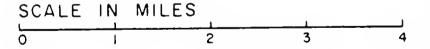








INTERSTATE LOCATION STEP 4-5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY POST MILEAGE ROUTE SECTIONS

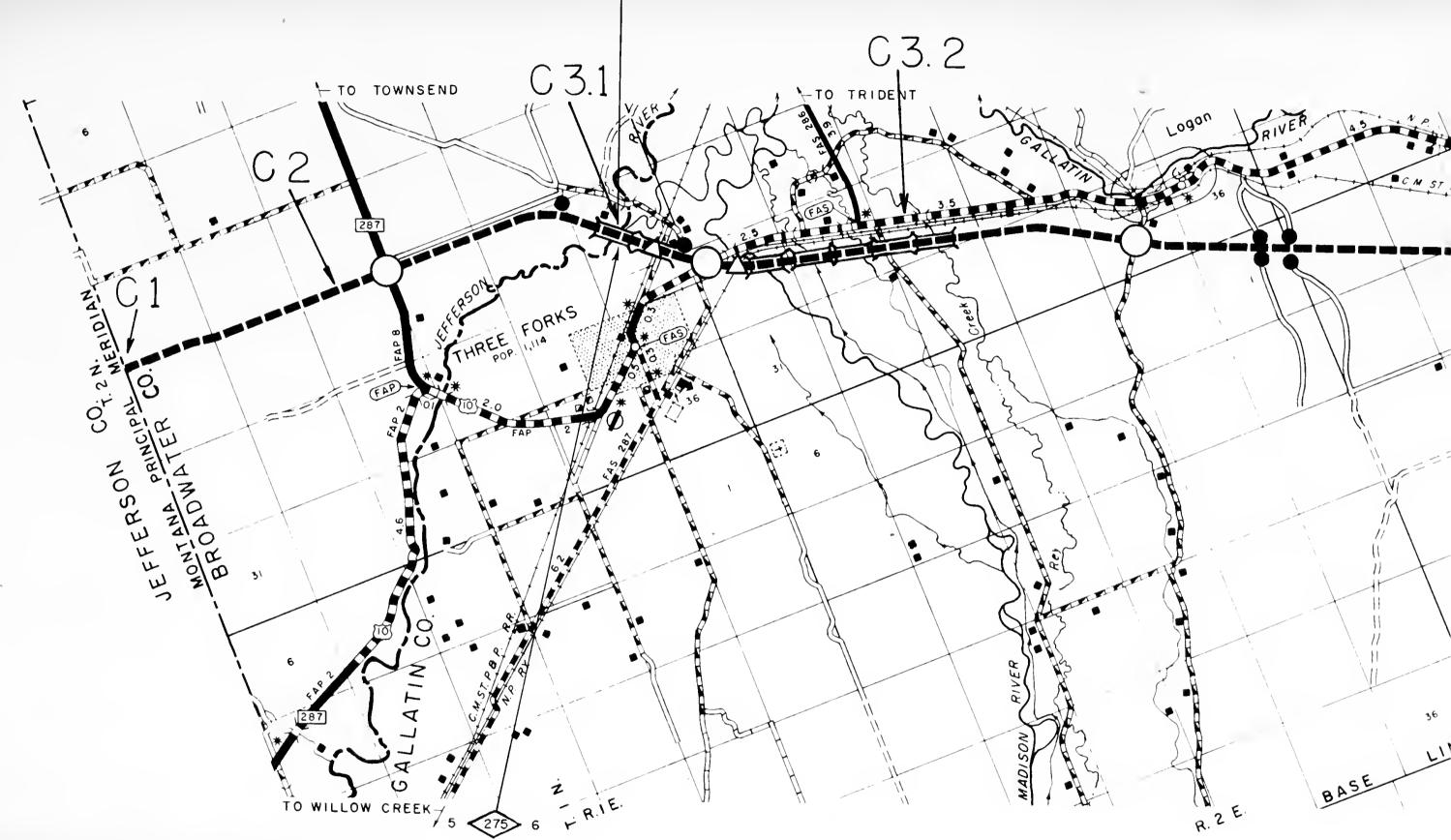


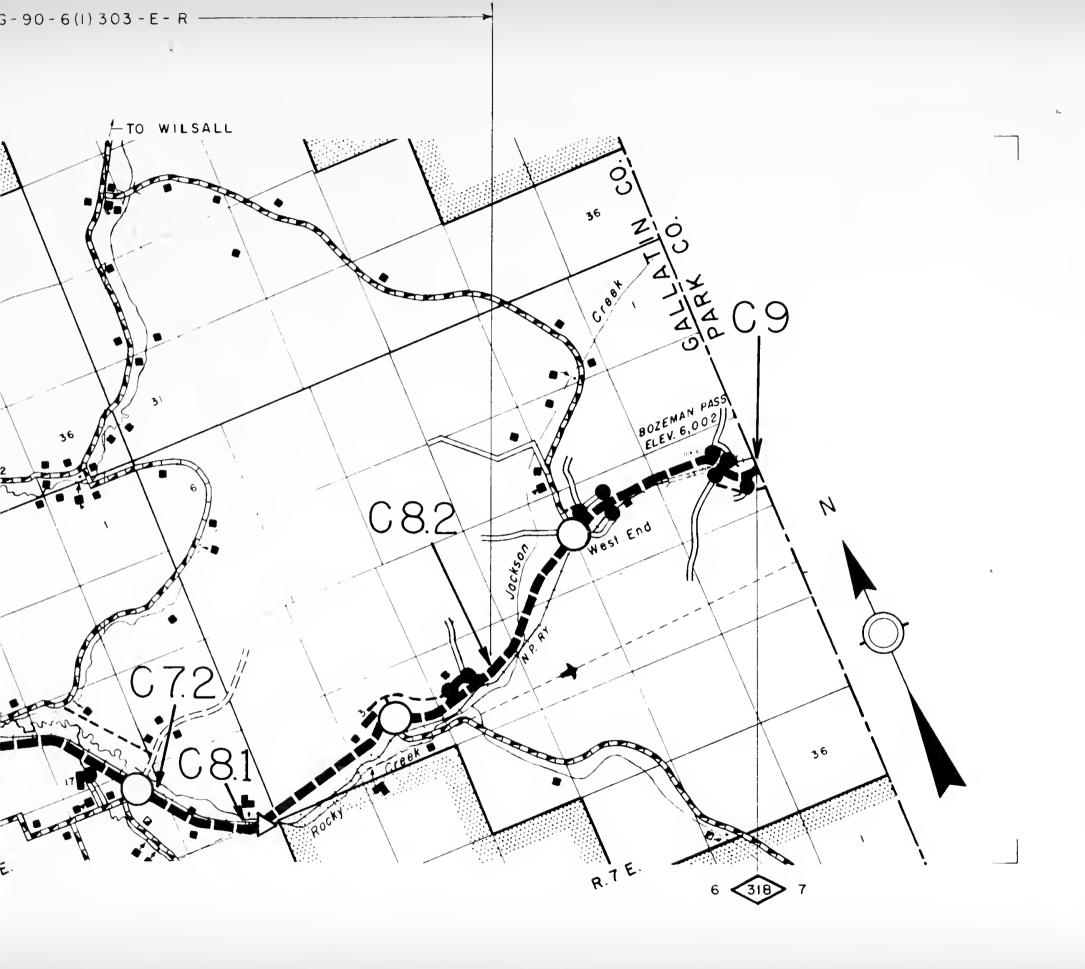
MONTANA

INTERSTATE ROUTE 90 (101)

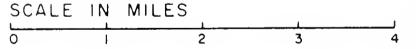
Sheet 5 of 11

late January I, 1960





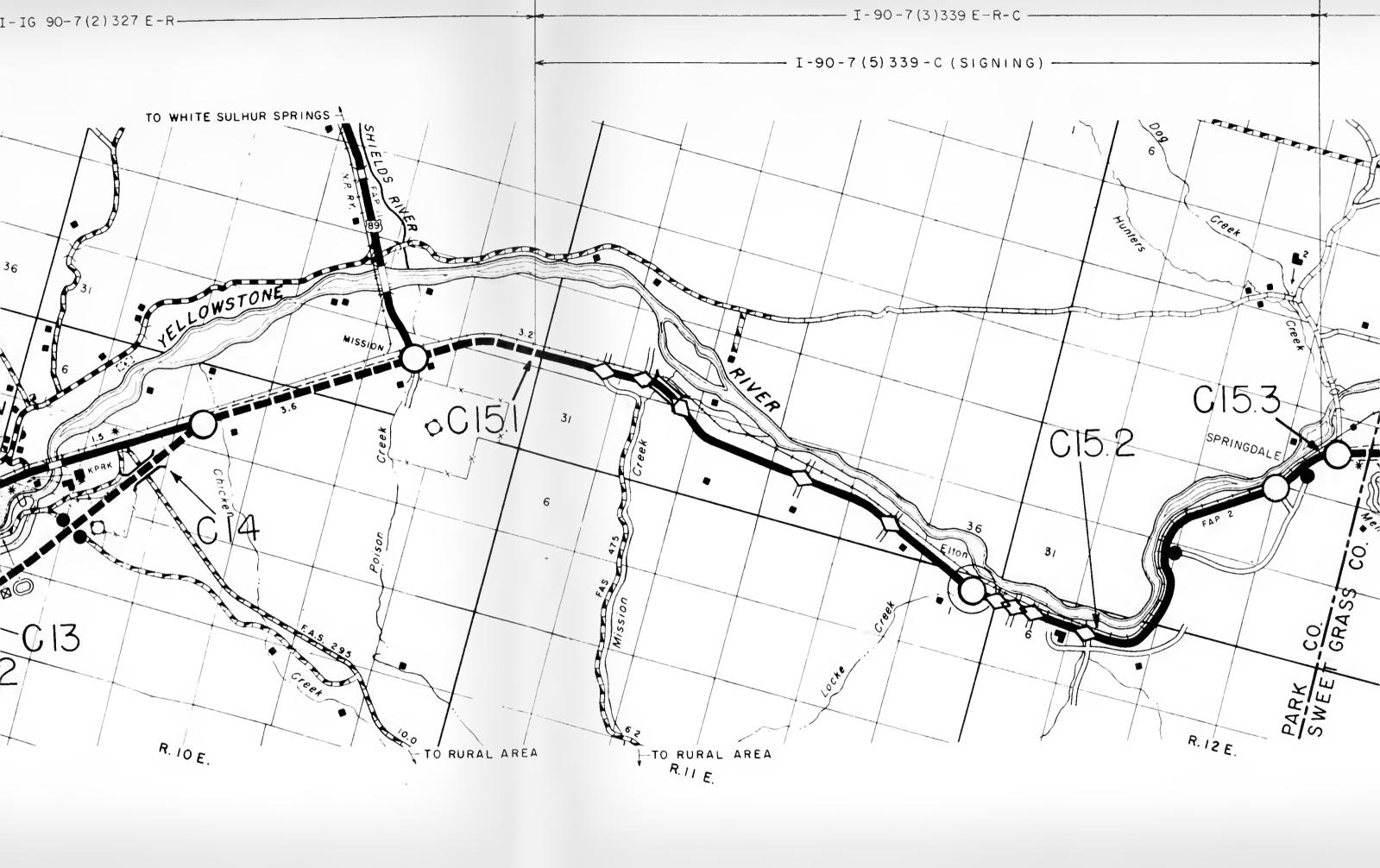
INTERSTATE LOCATION STEP 4-5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS

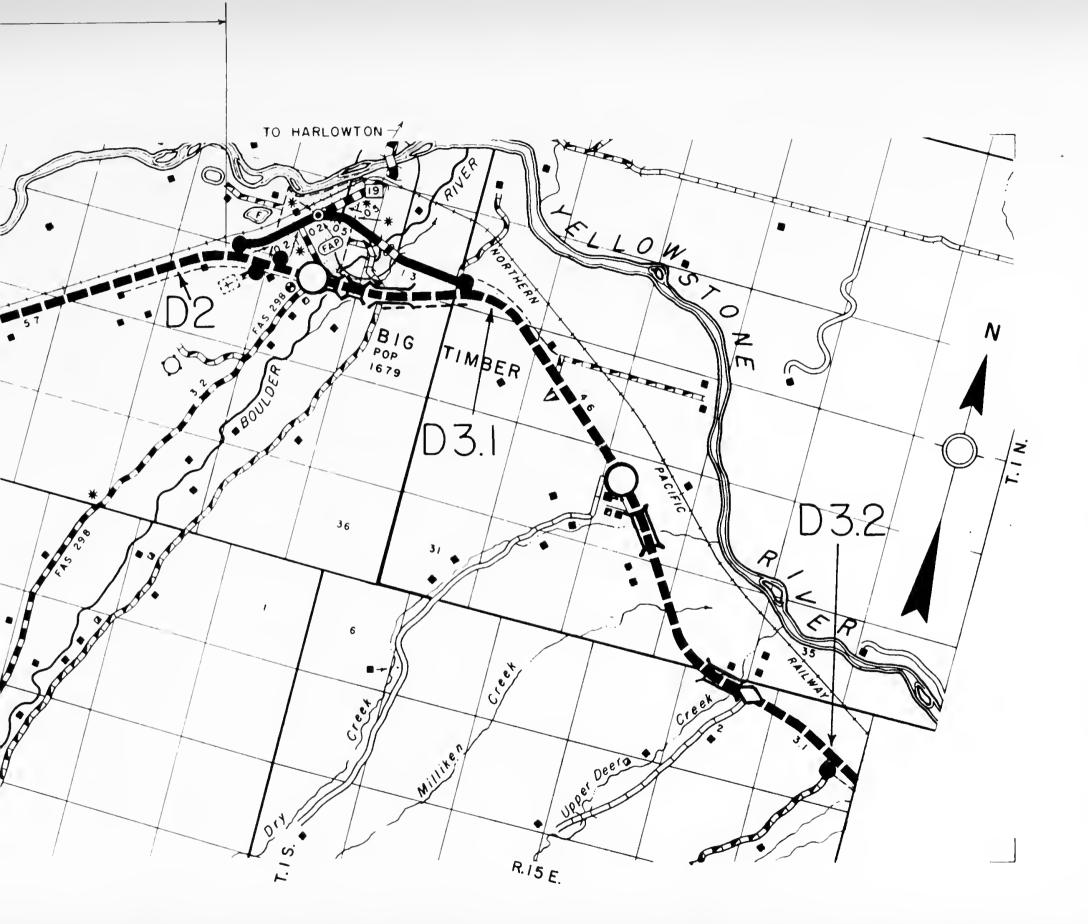


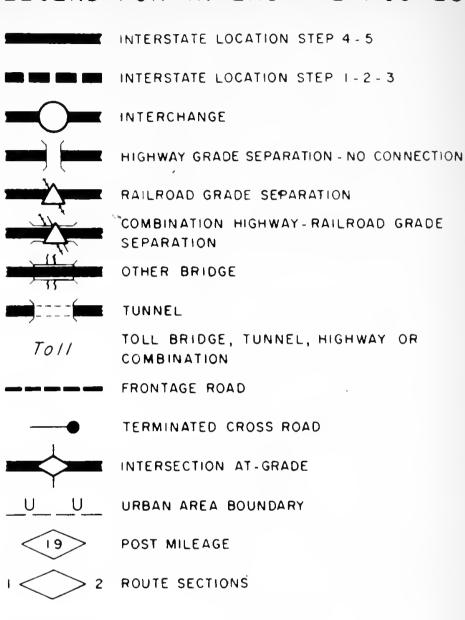
MONTANA

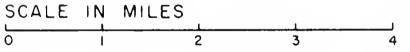
INTERSTATE ROUTE 90 (101)

Sheet 6 of 11





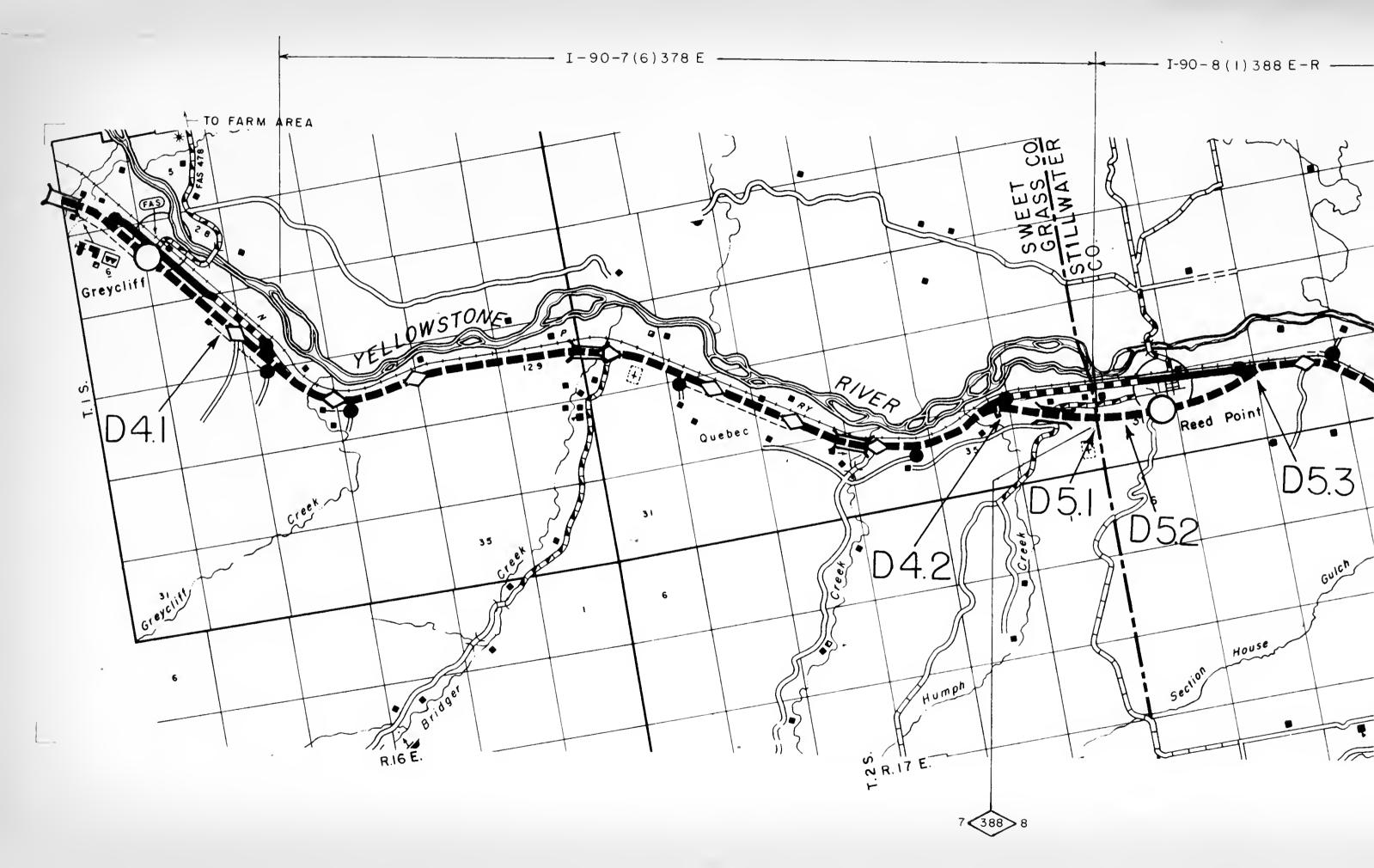


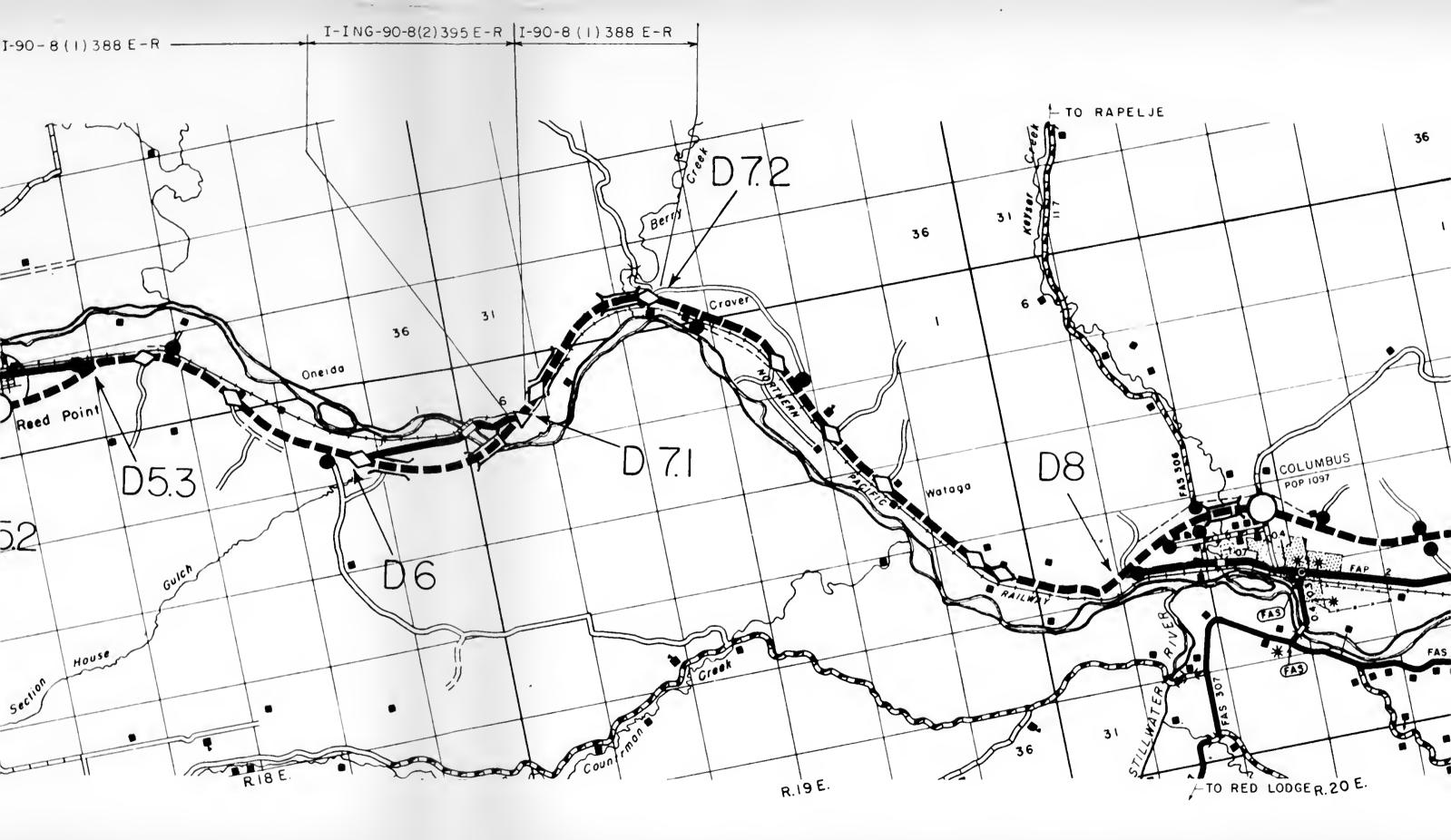


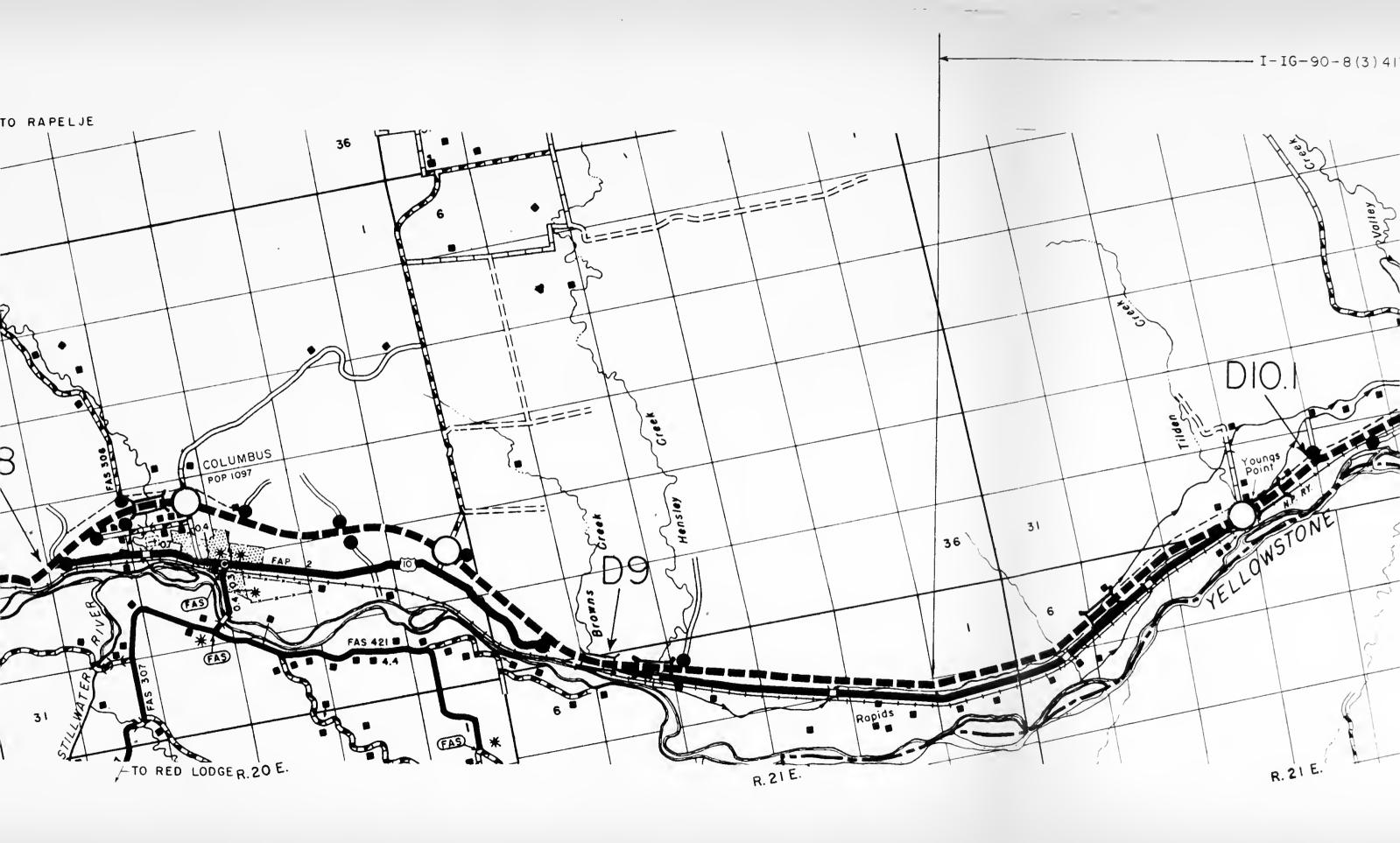
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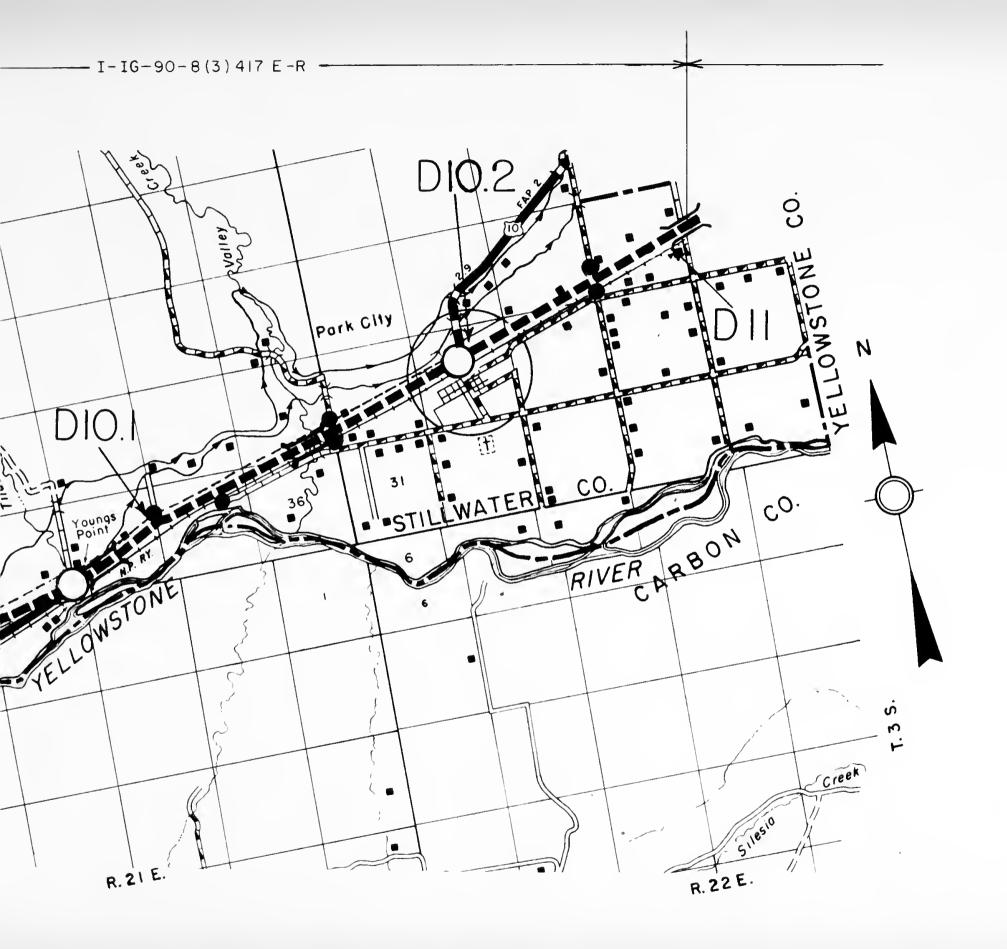
INTERSTATE ROUTE 90 (101)

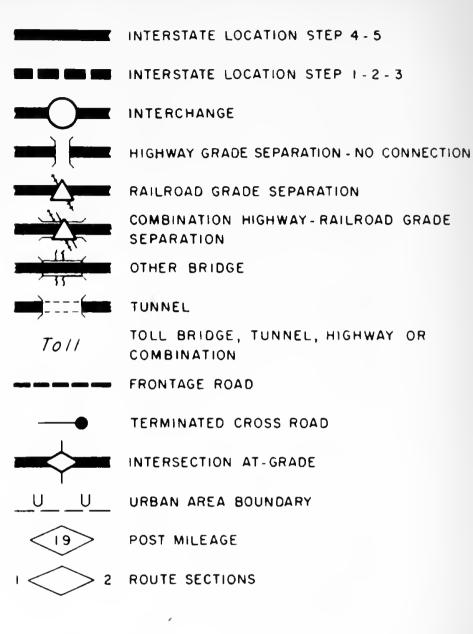
Sheet 7 of 11

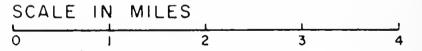








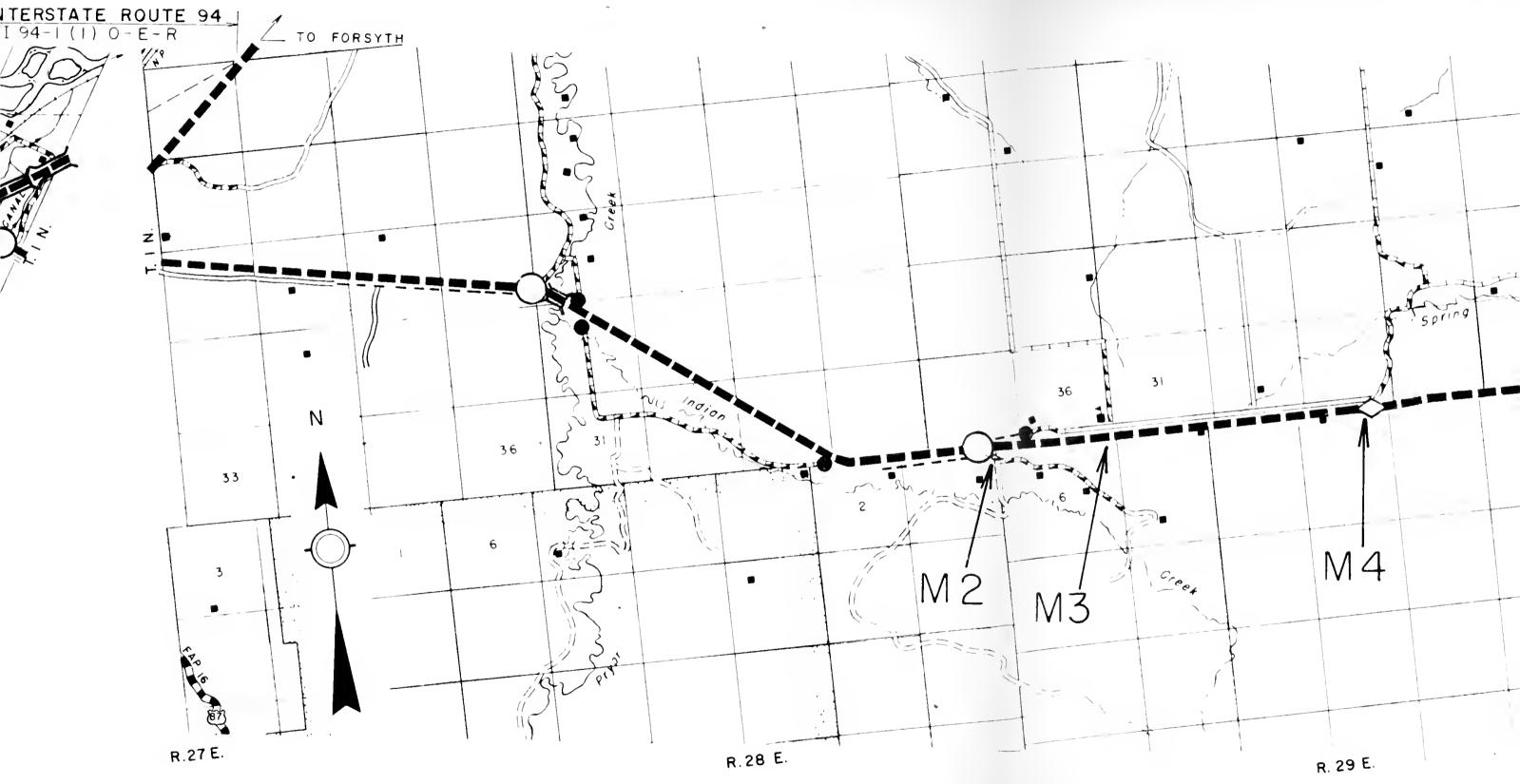


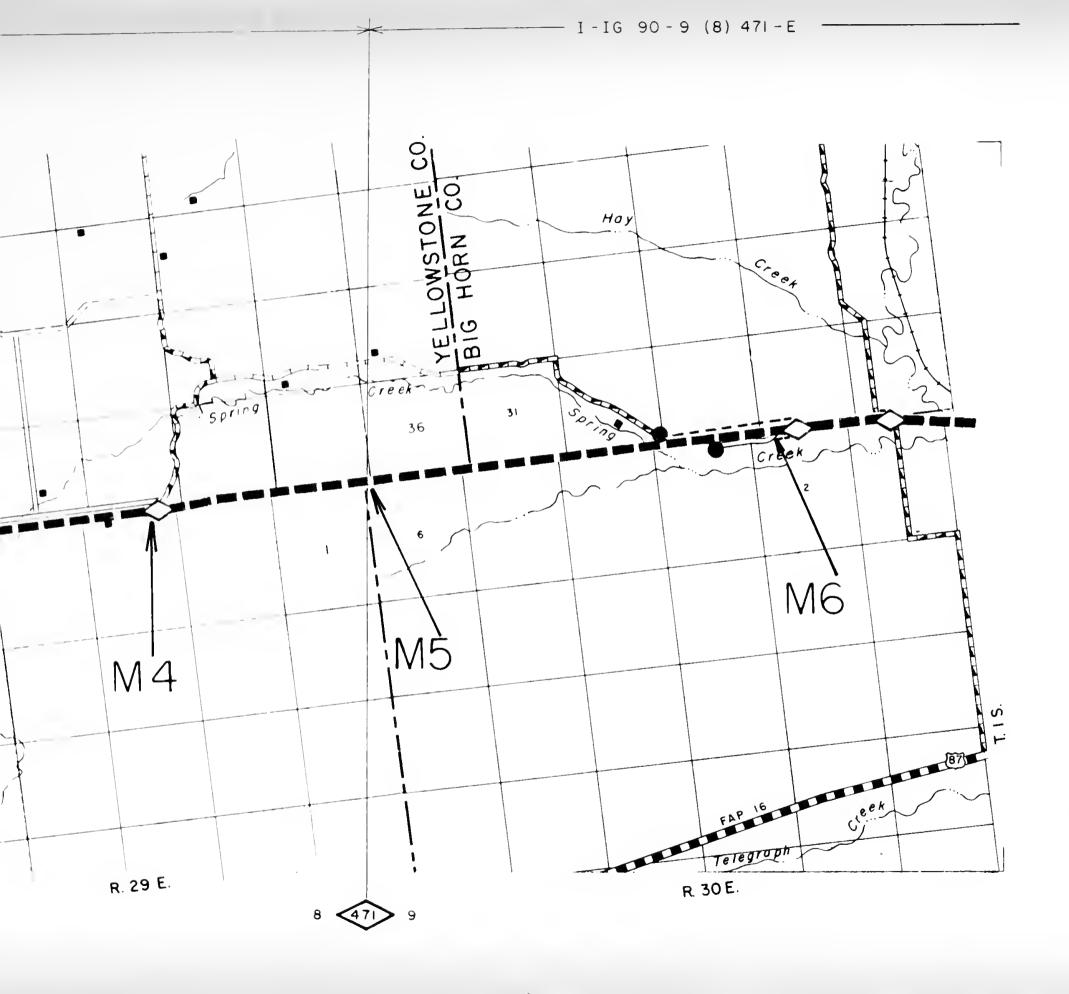


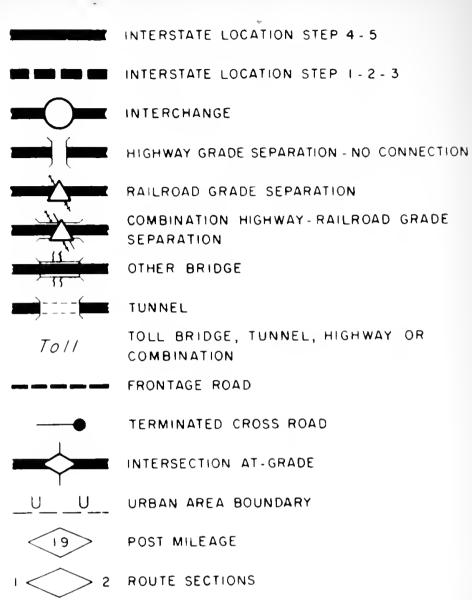
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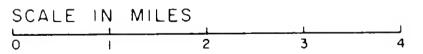
INTERSTATE ROUTE 90 (101)

Sheet 8 of II





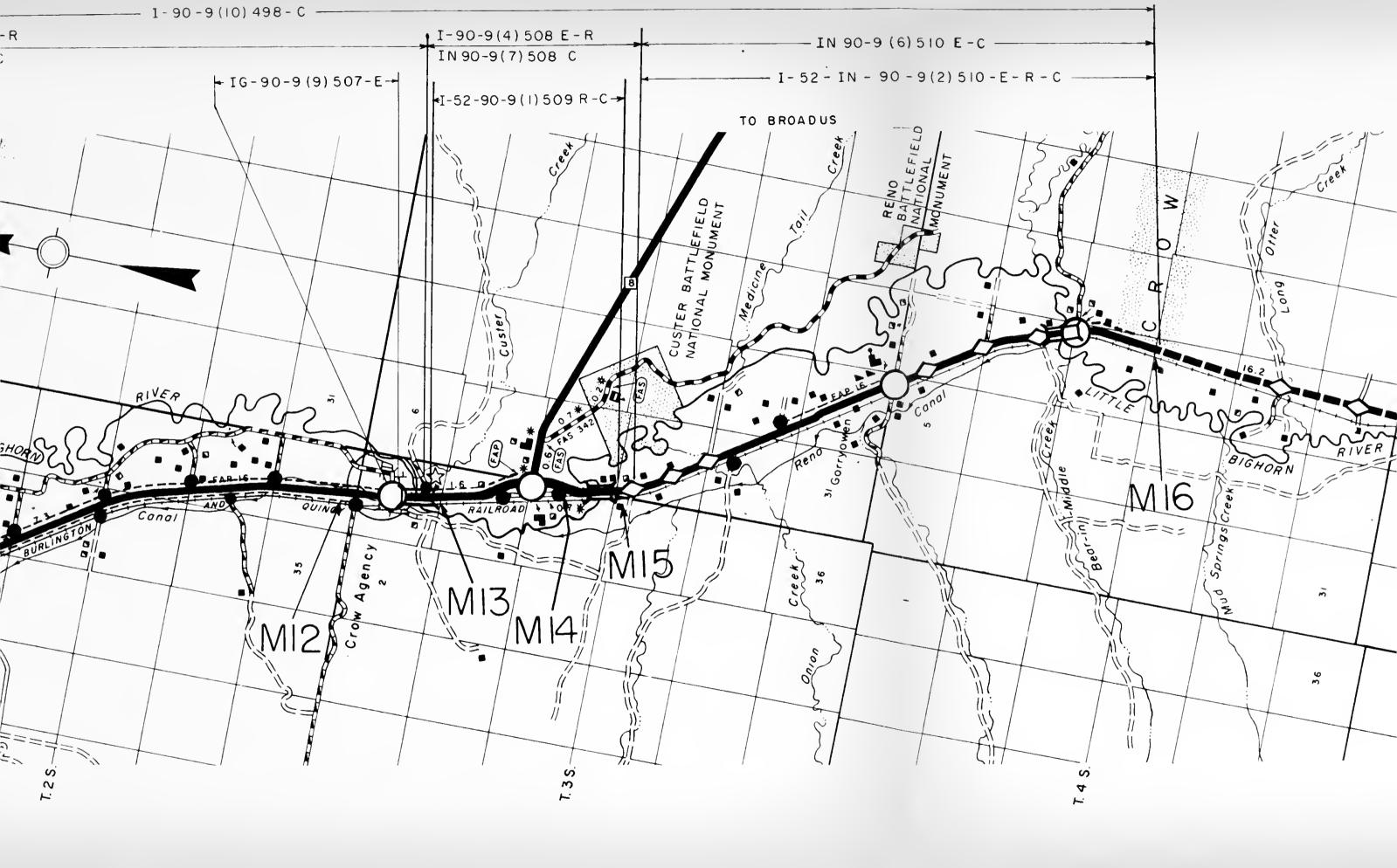


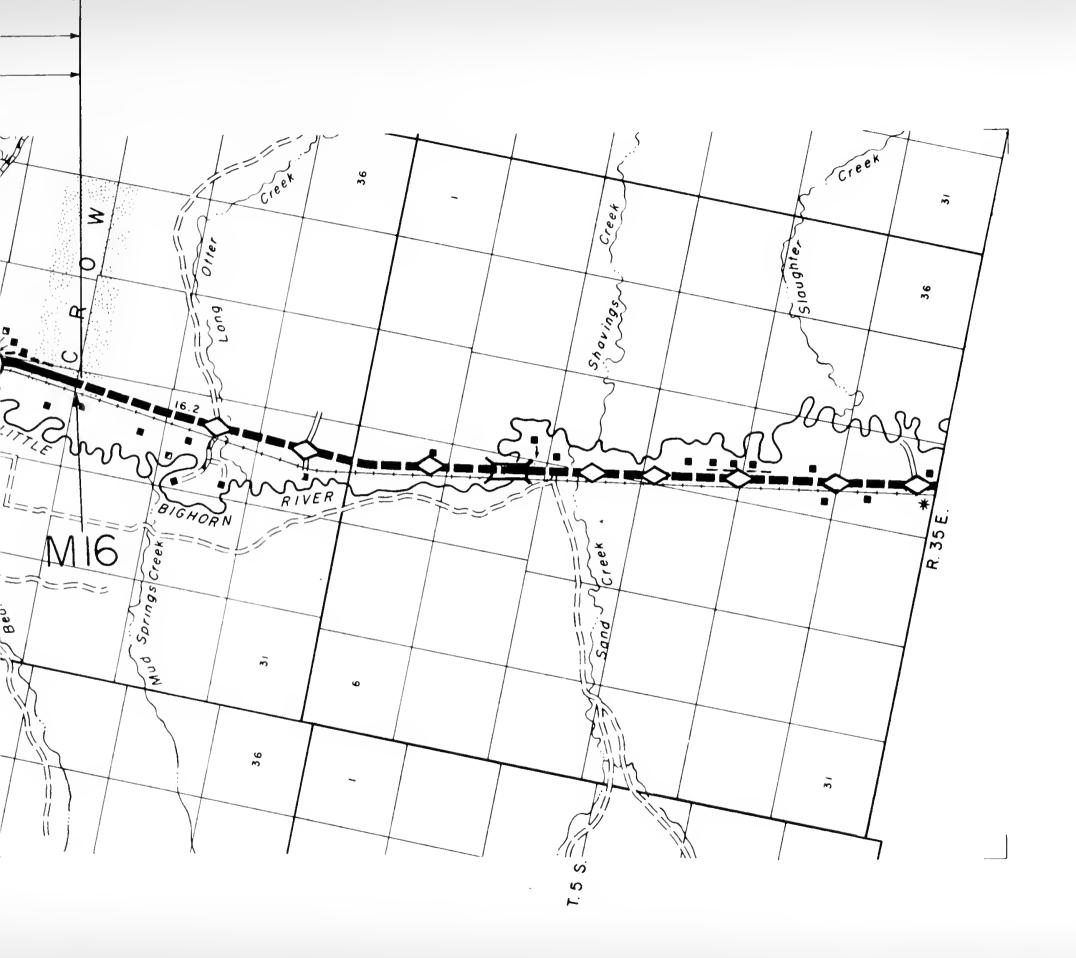


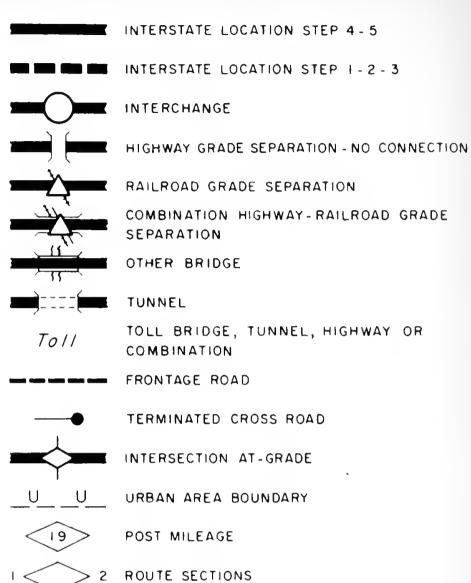
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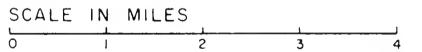
INTERSTATE ROUTE 90 (101) (103)

Sheet 9 of II





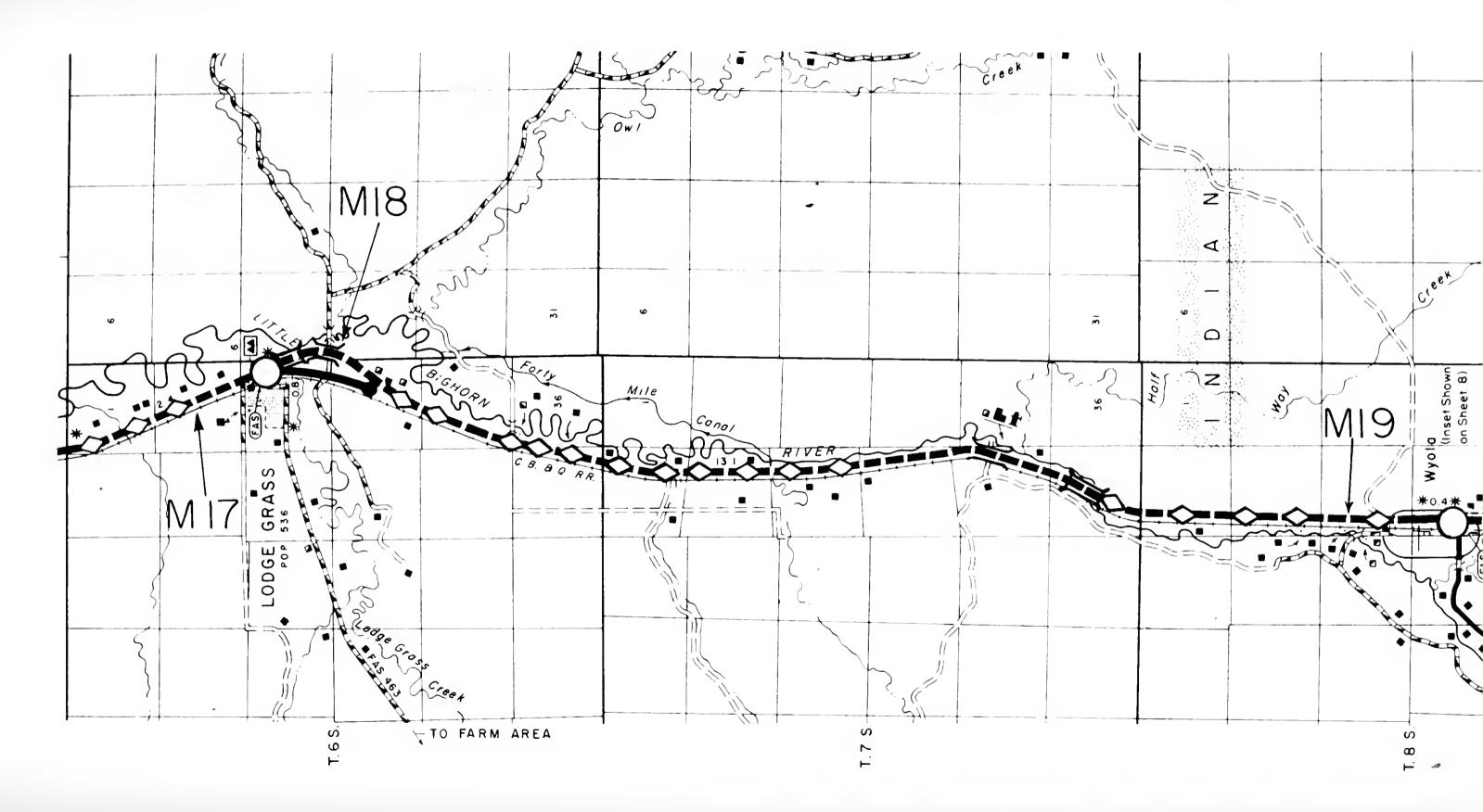


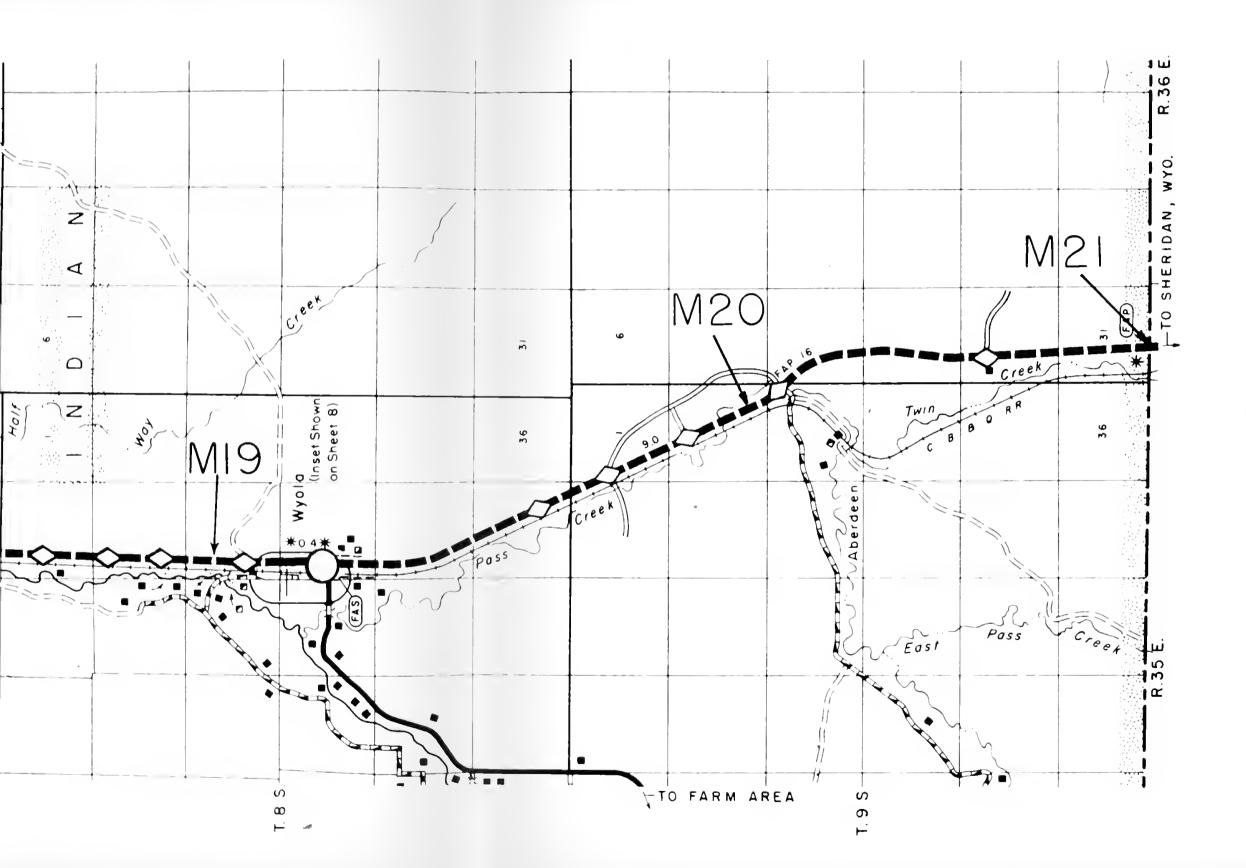


MONTANA

INTERSTATE ROUTE 90 (103)

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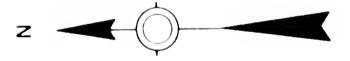
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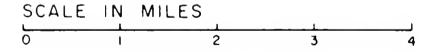
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INTERSTATE LOCATION STEP 4 - 5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE U U URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 90 (103)

Sheet II of II

TABLE	В	_	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS
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STATE MONTANA

NEW	INTERSTATE	ROUTE	NO.	94

Sheet 1 of 4

Old Interstate route number	101	101	101	101	101	101	1.01	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D16-D17	D17-D18	D18-D19	D19-D20.1	D20.1-D20.2	D20.2-D21.	D21.1-D21.2	D21.2-D22.1	D22.1-D22.2	D22.2-D23	D23-D24	D24-D25	D25-D26.1	D26.1-D26.2	D26.2-D2
I T E M 1. Section length, miles	5.1	9.1	9.6	6.8	1.9	3.4	7.0	1.0	4.8	0.7	1.0	3.6	5.2	5.7	2.5
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 2175 5800 750 55% 15% 50	R N 1720 4600 600 55% 15% 60	R N 1520 4000 520 55% 15% 60	R E 1271 3300 430 55% 15% 70	R E 1271 3300 430 55% 15% 50	R E 1271 3300 430 55% 15% 70	R E 1271 3300 430 55% 15% 70	R E 1271 3300 430 55% 15% 60	R N 1118 2800 360 55% 12% 60	R N 1118 2800 360 55% 12% 60	R N 1123 2800 360 55% 12% 60	R N 1123 2800 360 55% 12% 60	R N 1123 2800 360 55% 12% 60	1123 2800 360 55% 12% CO 2	R N 1137 1800 360 55% 12% 70
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	4.9 0.2	9.1 - -	7.6 2.0	4.3 2.1 0.4	1.9	3.4	7.0	1.0	3.8 1.0	0.7 - -	1.0	3.6	5.2	5.,	2.5
14. Typical cross-section reference 15. Right-of-way width: minimum	40 300	20 300	300	20 300											
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	46	_	_	_	_	_	_	_	_	-	_	_	_	-	
prevailing	46	_	_	-	_	-	_	_	_	_	-	-	_		_

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS

Diffee 0	 - (-	O L	- £ j	

STATE MONTANA

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101_
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Section	D27-E1	E1-E2.1	E2.1-E2.2	E2.2-E3	E3-E4	E4-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	E11-E12	E12-E13	E13-E14
I T E M 1. Section length, miles	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	8.0	8,5	0.9	3.0	5.3	2.4
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 2. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 1137 2800 360 55% 12% '70	R E 1224 2900 380 55% 12% 70	R E 1224 2900 380 55% 12% 70	R E 1484 3500 450 55% 12% 60	R N 1610 3800 490 55% 1.2% 70	R E 1610 3800 490 55% 12% 50	R E 1610 3800 490 55% 12% 60	R E 1300 3100 400 55% 12% 60	R E 1260 3000 390 55% 12% 60	R E 1214 2900 380 55% 12% 60	R N 1472 3500 460 55% 12% 60	R N 680 1900 230 60% 15% 60	R N 580 1600 190 60% 15% 60	R N 1100 2600 340 55% 12% 50 2	R i; 17.5 100 360 55% 12% 60 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	8.9 - -	7.1	2.0	4.3 1.0 0.6	1.5	3.2	8.7	6.4	6.0	8.0	8.5	0.9	1.5	5.3	2.4
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	22 270	22 300	22 300	22 300	2 2 300
prevailing	300	300	300	300	300	300	300	300	300	300	400	300	300	300	300
16. Median width: minimum	_	_	_	_	_	_	_	_	_	_	_	-	_	-	-
prevailing	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ABLE	В		DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS	
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STATE MONTANA

NEW	INTERSTATE	ROUTE	NO.	0/

Sheet

3 of 4

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 of 2)	1	1	1	1	1	1	1	3.	1	1	1	1	1	1	1
Section	E14-E15.1	E15.1-E15.	2 E15.2-F1	F1-F2	F2-F3	F3-F4	F4F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-Flu	F10-F11	F11-F12	F12-F13.
I T E M 1. Section length, miles	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4.4	2.2	0.2	3.9	7.8	5.6	5.	1.8
2. Class - rural or urban 3. location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes		R E 1175 2800 360 55% 12% 70	R E 1175 2800 360 55% 12% 60	R E 1168 2800 360 55% 12% 70	R E 1168 2800 360 55% 12% 60	R E 1168 2800 360 55% 12% 70	R N 1216 2900 380 55% 14% 70	R E 1216 2900 380 55% 14% 70	R E 1216 2900 380 55% 14% 70	R E 1100 2600 340 55% 14% 60	R E 1100 2600 340 55% 14% 60	R E 1036 2500 320 55% 14% 60	R E 1070 2500 330 55% 14% 60	1) 1220 2900 380 541 171 60	R N 220 20 20 380 55% 14% 70 2
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides		1.6	6.6	7.2	2.7	1.6	4.5	4.4	2.2	0.2	3.9	7.8	5.6	5.	1.8
14. Typical cross-section reference 15. Right-of-way width: minimum	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	20 300	71 300	20 300	20 300	20 300	300	20 300
prevailing	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
16. Median width: minimum	_	_	_	_	_	_	_	_	_	_	_	_		_	_
prevailing	-	-		-	_	_	_	-	_	-	-	-	_		

TABLE B - DESIGN CLASSIFICATION BY ROUTE NUMBERS	
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STATE	MONTANA	NEW INTERSTATE ROUTE NO. 94

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101			
Route identification (Code 1 of 2)	1	1	1	1	1	1	11	1	1	1	1	1			
Section	F13.1-F13.2	F13.2-F13.3	F13.3-F14	F14-F15.1	F15.1-F15.2	F15.2-F16	F16-F17.1	F17.1-F17.2	F17.2-F18	F18-F19	F19-F20	F20-F21	RURAL	URBAN	TOTAL
I T E M 1. Section length, miles	0.3	0.7	0,9	1,7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes	R N 995 2400 310 55% 15% 70 2	R N 995 2400 310 55% 15% 70 4	R N 692 1600 210 60% 15% 70 4	U N 692 1600 210 60% 15% 60	N 1250 3 000 390 55% 15% 60	R N 1250 3 000 390 55% 15% 60	R E 1330 3 200 420 55% 15% 60	R E 1330 3200 420 55% 15% 60 2	R E 1371 3300 430 55% 15% 60 2	R E 1371 3300 430 55% 15% 60 2	R N 1 40 0 3300 490 55% 15% 60	R E 1400 3300 490 55% 15% 60 2			
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7 - -	13.3	4.7	4.9 - -	6.1	234.3 9.8 1.0	1.7	236.0 9.8 1.0
14. Typical cross-section reference 15. Right-of-way width: minimum	71 300	40 300	40 300	40 300	40 300	20 300	20 250	20 230	20 300	20 300	20 300	20 300			
prevailing	300	300	300	300	300	300	330	250	300	300	300	300			
16. Median width: minimum	-	46	46	46	46	_	_	_	_	-	-	-			
prevailing	_	46	46	46	46										

Signatures:		Date
5	State: Name and Title	**
		Date
_	BPR Division Engineer	

Sheet

4 of 4

SHEET	1	OF	1.	
2111111	4	O1	4	

	3.03	101	101	101	101	101	101	101	101	101	1 101	101	T 101	1 101	101
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Noute identification (Code 1 or 2)	1	1	1	1	1	1	1	T	1	1	1	1 10 1 10 2 2	1	1	<u> </u>
Section	D16-D17	D17-D18	D18-D19	D19-D20.1		D20.2-D211					D23-D24	D24-D25		D26.1-D26.2	026.2-027
Section length, miles (0.1 mile)	5.1	9.1	9.6	6.8	1.9	3.4	7.0	1.0	4.8	0.7	1.0	3.6	5.2	5.7	2.5
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	it
Location: Existing, new, or toll	n_	N	N	Ε	E	E	E	E	N	N	N	N	N	N	N
No. lanes to be constructed this estimate	4.	2	2	2	2	2	2	2	2	2	2	2	2	4	.)
No. through traffic lanes	1,	2	2_	2	2	2	2	2	2	2	2	2	2	4	2
Finance code	23	23	23	22	22	22	22	22	23	23	23	23	23	23	23
NORK CLASSIFICATION			ES	TIMATED CO	STS (1,000	Dollars)									
1. Preliminary engineering	32			39	14	19	30	14	9	14					
2. Right-of-way	202	206	238	44	29	12	122	38	101	2	2	9	13	14	6
3. Clear & grub; demolition				6											Will day
4. Utility adjustments	18	1	34	78	15	16	165	8	13	2		1	15	6	3
5. Grade & Drain; minor structures	954	491	643	195	120	146	139	75	233	70	26	89	520	164	11,1,
6. Base; surfacing; shoulders	507	456	555	470	106	190	331	56	276	39	56	202	291	565	140
7. R.R. grade separations			88												
8. Highway grade separations without ramps	111	62	141												72
9. Interchanges, complete	212	152	325					158	131		158			217	
10. Other bridges; tunnels	35	131	118	102	31	62			~-	396	25		70	87	
11. Walls															
12. Guardrail; fencing; lighting; traffic		N N		1				ľ							
control devices	58	100	147	144	45	21	45	22	28	4	17	22	32	47	27
13. Roadside improvement	14	26	48	20	6	10	20	3	14	2	3	10	15	16	7
14. All other items															
15. Subtotal, lines 3 to 14	1909	1419	2099	915	323	445	700	322	695	513	285	324	943	1102	393
16. Construction Engineering & Contingencies, 10% of line 15	191	142	210	92	32	45	70	32	70	51	29	32	94	110	39
17. Total Estimated Cost	2334	1767	2547	1090	398	521	922	406	875	580	316	365	1050	1226	1,38

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1	1	1	1	1	1	1	1	1	ì	1	1	1	1
Section	D27-E1	E1-E2.1	E2.1-E2.2	E2.2-E3	E3-E4	E4E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E10	E10-E11	E11-E12	E12-E13	513-E14
Section length, miles (0.1 mile)	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	0.3	8.5	0.9	3.0	5.3	?.4
Class: Rural or Urban	R	R	K	R	H	K	H	R	R	R	rt	R	H	ĸ	, í
Location: Existing, new, or toll	N	E	Е	E	N	E	E	E	E	3	N	N	N	N	
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Finance code	23	22	22	22	23	22	22	22	22	22	23	23	23	23	٠
WORK CLASSIFICATION			ES'	rimated co	STS (1,000	Dollars)									
· Preliminary engineering		31	9	53	23	17	60	42		11	spine with				mpag pirms
. Right-of-way	22	110	59	101	64	29	81	60	56	74					
. Clear & grub; demolition															_
. Utility adjustments	10	11	1	98	18	11	1	I_{+}	26	4					
. Grade & Drain; minor structures	558	142	82	315	118	169	306	284	515	255	913	107	345	261	21
. Base; surfacing; shoulders	498	464	112	347	147	179	487	358	392	447	1019	108	396	636	- 48
. R.R. grade separations				73											
. Highway grade separations without ramps	40		_ _		62		62				30	51		62	
. Interchanges, complete	154			158	158		317	158	158		431	149	153		
Other bridges; tunnels	50	51		143		-~	109	109	20	1 '3		164			
. Walls															
. Guardrail; fencing; lighting; lift comp															
control devices	ol	44	13	66	26	30	81	50	57	99	133	16	29	32	50
. Roadside improvement	25	20	5	37	7	9	25	18	17	23	24	3	8	15	7
· All other items											75		~~		
Subtotal, lines 3 to 14	1416	732	213	1237	536	3 9 8	1388	981	1185	951	2625	598	931	1006	566
. Construction Engineering & Contingencies,10% of line 15	141	73	21	124	54	40	139	93	118	95	263	60	93	101	57
. Total Estimated Cost	1,00	946	302	1515	677	484	1668	1181	1359	11:1	5888	558	1024	1107	723

STATE Montana

Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	l	l	1	11	1	l	l	1	1	1	1	1	1	l
Section	E14-E15.1	E15.1-E152	E15.2-F1	F1-F2	F2-F3	F3-F4	F4-F5	F5-F6	F6-F7	F7-F8	F8-F9	F9-F10	F10-F11	Fll-Fl2	F12-F13.1
Section length, miles (0.1 mile)	5.1	1.6	6.6	7.2	2.7	1.6	5.5	4.4	2.2	0.2	3.9	7.8	5.6	5.7	1.8
Class: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	E	Е	E	E	E	E	N	E	E	E	E	Е	E	E	N
No. Lanes to be constructed this estimate		2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Finance code	22	22	22	22	22	22	22	22	22	22	22	22	22	22	23
WORK CLASSIFICATION			ES'	TIMATED CO	STS (1,000	Dollars)									
	_ ,			1	ı	1	1 1		t.	1	1	1	1	}	
1. Preliminary engineering	36	8													10
2. Right-of-way	37	2	27	75	7	39	86	77	97	6	52	49	22	84	212
3. Clear & grub; demolition			~-												
4. Utility adjustments	10	6	3	174	7	5	37	109	3	3]]	1 1	60
5. Grade & Drain; minor structures	299	55	335	283	131	53	214	142	94	_ 	141	198	190	275	143
6. Base; surfacing; shoulders	285	90	369	403	151	90	317	246	123		218	436	313	319	101
7. R.R. grade separations	~~							173	85						
8. Highway grade separations without ramps							40			i !					62
9. Interchanges, complete	158						158	- -	158		200		158	168	185
10. Other bridges; tunnels			90	379		22			130	679	35	113	87	129	
ll. Walls															
12. Guardrail; fencing; lighting; traffic															
control devices	82	36	41	45	26	10	53	44	60	1	68	82	78	71	55
13. Roadside improvement	15	5	19	41	8	5	16	13	6		31	22	16	16	5
14. All other items															
15. Subtotal, lines 3 to 14	849	192	857	1325	323	185	835	727	659	683	693	851	843	979	611
16. Construction Engineering & Contingencies,	or.	10	0/	100	22	3.0	40	~ ^		(0	/ 0	0.5		0.0	/ 3
_ 10% of line 15	85	19	86	133	32	18	83	73	66	68	69	85	84	98	61
17. Total Estimated Cost	1007	221	970	1533	362	242	1004	877	822	757	814	985	949	1161	894

STATE	Montana	
01/1/12		_

		1 202	7.03	101	1 303	101	101	703	103	101	7.07	107			
Old Interstate route number	101	101	101	101	101	101	101	101	101	101	101	101			
Route identification (Code 1 or 2)	1	1	1	1 1	<u> </u>	1 2 7 2 7 7 7	1	1	T T T T T T T T T T T T T T T T T T T	1 0 000	1	1 1 1		total	Total
Section		F13.2-F13.		 				F17.1-F17.2		F18-F19	F19-F20	F20-F21	Hural	Urban	For doute
Section length, miles (0.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	U	H H	H.	H.	H H	H	R	R	R			
Location: Existing, new, or toll	N	N	N	N	N	N	E	E	E	E	N	E			
No. Lanes to be constructed this estimate	2	4	4	4	4	2	2	2	2	2	2	2			
Nc. through traffic lanes	2	4	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
"ORK GLASSIFICATION			ES'	rimated co	OSTS (1,000	Dollars)									
1. Freliminary engineering	19	7	10	11	11	7	33	1	63				621	11	632
2. hight-of-way	35	82	106	200	153	71			222	35	121	106	3497	200	3097
3. Clear & grub; demolition													6		5
4. Utility adjustments	2	6	8	12	1	1			3	4	21	26	1050	12	1062
5. Frade & Drain; minor structures		217	311	124	306	91			406	149	270	172	13075	124	13199
6. base; surfacing; shoulders		69	89	168	129	33			744	213	274	341	15471	168	3 5639
7. R.R. grade senarations		113				57			_ _				589		589
9. Highway grade separations without ramps				216										216	1011
. Interchanges, complete			202		217	150					191		795 5134		5134
10. Other bridges; tunnels	1203			87		67			104		110		4974	87	5061
11. Walls															
12. Juardrail; fencing; lighting; traffic					ļ										
control devices		4	16	78	23	36	1	1	150	46	51	55	2601	78	2679
13. Koadside improvement	~-	2	3	5	4	2	4	8	58	13 75	14	18	801	5	806
14. All other items										75			150		150
15. Subtotal, lines 3 to 14	1205	411	629	690	680	437	5	9	1465	500	931	612	44646	690	45336
14. Construction Engineering & Contingencies,						_				1				()	
10% of line 15	121	41	63	69	68	43	0	1	147	50	93	61	4464	69	4533
17. Total Estimated Cost	1380	541	808	970	912	558	38	10	1897	585	1145	779	53228	970	54198

Signatures:		Date
	State: Name and Title	
		Dat
	BPR Division Engineer	

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet 1 of 4

NEW INTERSTATE ROUTE NO.

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

Old Interstate route number 101_ 101 101 101 101 101 .101 101 101 101 101 Route identification (Code 1 or 2) D19-D20. D20.1-D202D20.2-D21.1D21.1-D21.2D21.2-D22.1D22.1-D222D22.2-D23 D23-D24 D24-D25 D18-D19 D25-D26.1 D26.1-D26.2 D26.2-D27 Section D16-D17 D17-D18 Section length, miles (0.1 mile 6.8 1.9 3.4 7.0 1.0 0.7 1.0 9.1 9.6 3.6 5.2 2.5 Class: Rural or Urban R R R R R R R R R R R R Location: Existing, new, or toll И E \mathbf{E} N No. Lanes to be constructed this estimate No. through traffic lanes 2 22 22 23 Finance code 23 22 23 23 ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized statua - cost = zero 8. Highway grade separations without ramps Cost 111 62 12 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost 212 152 158 131 158 217 No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnsis Cost 70 No. for which costs estimated 2 No. in service - cost = zero No. in authorized atatua - cost = zero Total structures Cost 358 158 70 No. for which costs estimated 3 4 3 1 2 No. in service - cost = zero No. in authorized status - cost = zero

Sheet 2 of 4

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

BY ROUTE SECTIONS WITH ROUTE TOTALS

Old Interstate route number	107	101	101	101	101	-101	101	101_	101.	101	101	101	101	101	101
Route identification (Code 1 or 2)	1	1 1	1	7	7	1	1	1	1	1	1	1	7	7 1	1
Section	D27-E1	E1-E2 1	E2.1-E2.2	E2.2-E3	E3-E4	EZ-E5	E5-E6	E6-E7	E7-E8	E8-E9	E9-E1.0	E10-E11	E11-F12	E12-E11	E13-E1
Section length, miles (0.1 mile)	8.9	7.1	2.0	5.9	2.5	3.2	8.7	6.4	6.0	8.0	8.5	0.2	3.0	0.3	2,4
Clasa: Rural or Urban	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new, or toll	N	E	E	E	II	E	E	Е	E	E	N	И	ì.	N	1.1
No. Lanes to be constructed this estimate	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
No. through traffic lanes	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Finance code	23	22	22	22	23	22	22	22	22	22	23	23	23	23	23
WORK CLASSIFICATION					ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTUR	RES					
No. from											1				- Account
R.R. grade separations Cost	_	_	_	'/3				_		_					
No. for which costs estimated	_					 			_					-	
No. in service - cost = zero	_		_	_	_		_	_	_	_	_	_	_		_
No. in authorized status - cost = zero	1			_	_	_	_	_	_	_	_	_		_	_
Highway grade separations without				_			_	_	-	_	_	_	_	_	
ramps Cost	40	_	_ !	_	62	_	62	_	_	_	30	51		2	
No. for which costs estimated	1	_	_		1		1			_	1	1	_	1	
No. in service - cost = zero			_	_				_	_	_		-1-	_	_	
No. in authorized status - cost - zero	_	_	_	_	_	_	_	_	_	_	_	_	_	***	_
Interchanges, complete Cost	154	-	_	158	158	_	317	158	158	_	431	149	153		-
No. for which costs estimated	1	_	-	1	1	_	2	1	1	-	2	1		_	
No. in service - cost = zero	_	_	_	_	_	_	_~		_	_	_		_		_
No. in authorized status - cost = zero	_	_	-	_	_	_	_	_	_	_		_	_	_	_
Other bridges: tunnels Cost	50	51		143			109	109	20	1.23		104			
No. for which costs estimated	1	71	-	3	-	-	2	2	20	3	-	104	_		
No. in service - cost = zero	J.,				_		2				_	L	_		_
No. in authorized status - cost = zero	-	_	-	_	_	-	_	_	-	-		_	_	_	-
nov in dameria and obtained cost Belo	_	_	_	_	_	_	-	_	-	_	_	_	_	-	_
Total structures Cost	244	51		374	220	_	485	267	178	123	461	3(4	153	- 2	_
No. for which costs estimated	3	1.	_	5	2	_	5	3	2	3	3	3	1	1	_
No, in service - cost = zero	_		_		_	_							_	_	_
No. in authorized status - cost = zero	_		_	_	_	_	_		_	_	_	_	_		_
		_	-	_	1 -		_	1	1 - 1	_	_	_	_		_

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet <u>3 of 4</u>

BY ROUTE SECTIONS WITH ROUTE TOTALS

NEW INTERSTATE ROUTE NO. 94 STATE MONTANA 101 101 101 101 101 Old Interstate route number Route identification (Code 1 or 2) E17-E15 1 E15 1-E15 2 E15 2-F1 F1_F2 F2-F3 F3-F4 F4-F5 F5-F6 F6-F7 F7-F8 F8-F9 0.14-64 F10-F11 F11-F12 F12-F13.1 Section Section length, miles (0.1 mile) 6.6 7 2 5.1 2 7 16 5 5 Clasa: Rural or Urban R R R R R R R R R R R R R R R Location: Existing, new, or toll \mathbf{F} \mathbf{E} E \mathbf{E} E M Ŧ \mathbf{F} F F F N No. Lanes to be constructed this estimate No. through traffic lanes 2 2 2 22 22 2.2 23 Finance code 22 22 22 22 22 22 23 22 22 ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost 40 62 No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost 158 158 158 200 158 168 185 No. for which costs estimated 1 1 1 No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost 90 379 22 130 679 35 113 87 No. for which costs estimated 2 1 1 2 5 No. in service - cost = zero No. in authorized status - cost = zero Total structures 158 90 379 22 108 679 235 113 215 No. for which costs estimated 1 2 3 2 2 2 No. in service - cost = zero No. in authorized status - cost = zero

TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

Sheet <u>4 of 4</u>

BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE MONTANA

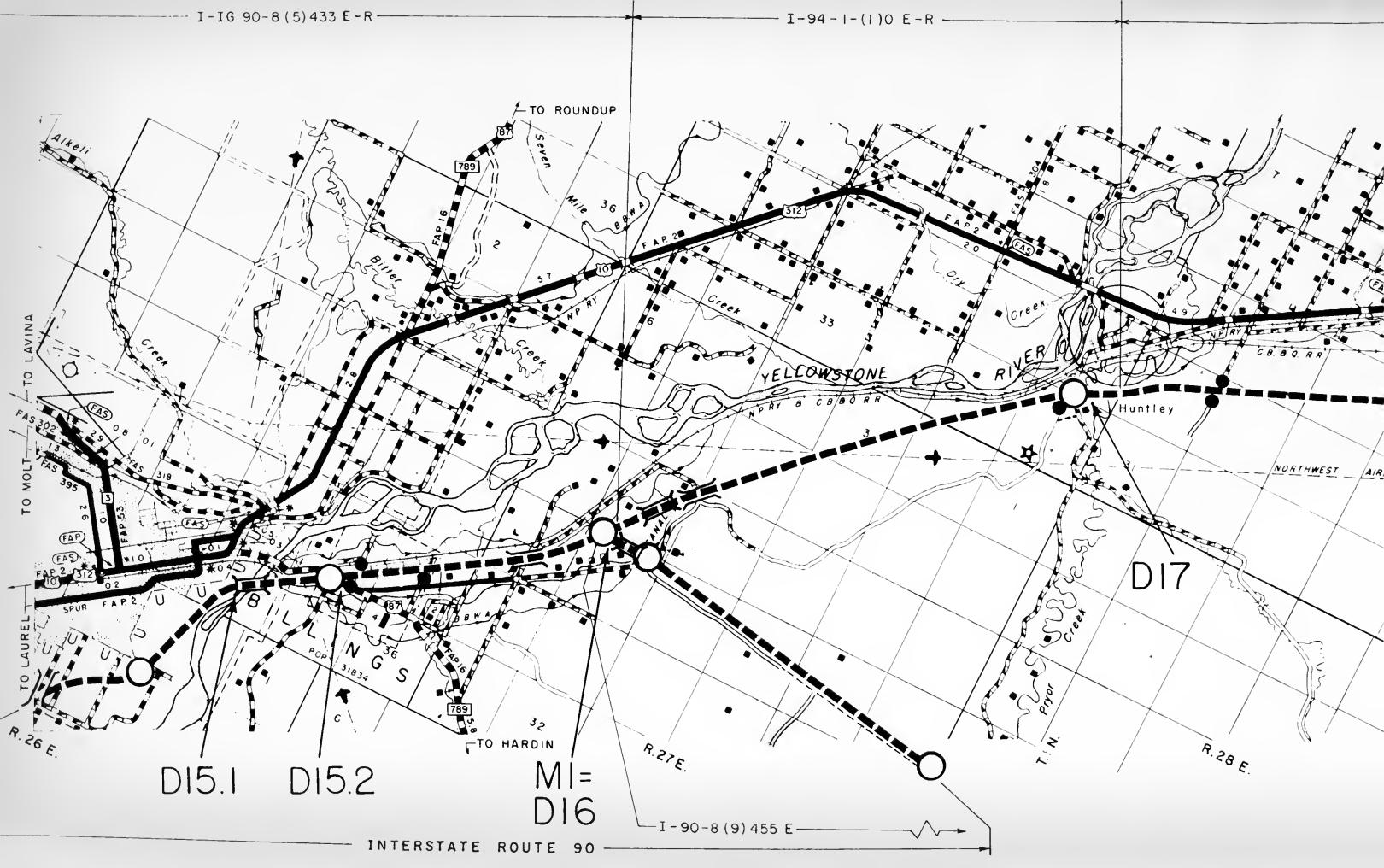
NEW INTERSTATE ROUTE NO. 94

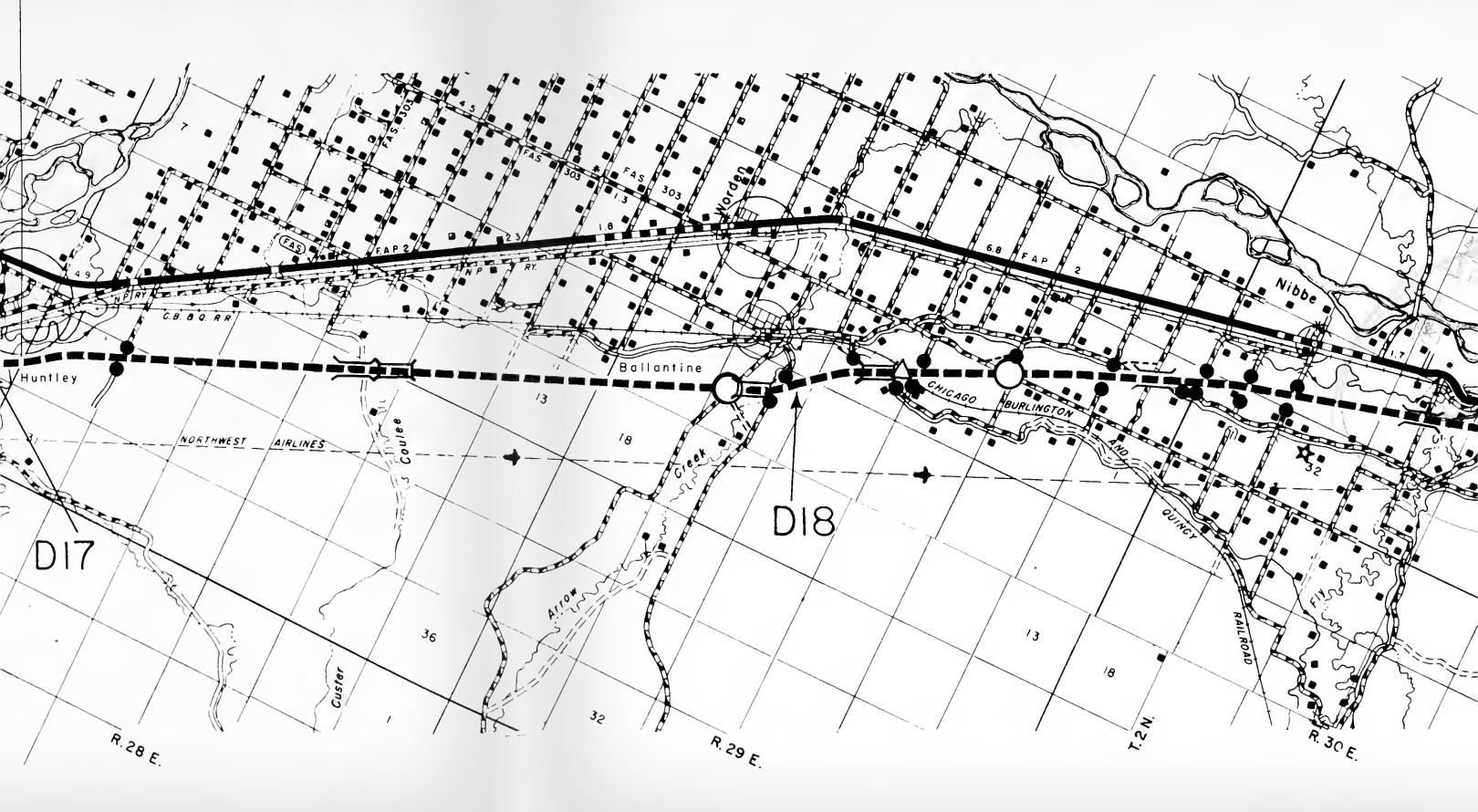
Old Interstate route number	101	101	101	101	1 101	101	101	103	101	101	101	101			
Route identification (Code 1 or 2)	1 1	1 1	1	1	1 7	1	1	1	1	1	1	1	Subt	otal	Total
Section Section	F13 1-F13 2	2 F13.2-F13.3	F13.3-F14	F14-F15.	F15,1-F15,2	F15.2-F16	F16-F17.1	F17.1-F17.2	F17.2-F18	F18-F19	F19-F20	F20-F21	Rural	Urban	For Route
Section length, miles (O.1 mile)	0.3	0.7	0.9	1.7	1.3	0.6	1.5	2.7	13.3	4.7	4.9	6.1	245.1	1.7	246.8
Class: Rural or Urban	R	R	R	U	R	R	R	R	R	R	R	R			
Location: Existing, new, or toll	N	11	N	И	N	N	E	E	E	E	N	Е			
No. Lanes to be constructed this estimat	e 2	4	4	4	4	2	2	2	2	2	2	2			
No. through traffic lanes	2	1.	4	4	4	2	2	2	2	2	2	2			
Finance code	23	23	23	23	23	23	22	22	22	22	23	22			
WORK CLASSIFICATION				Ţ	ESTIMATED	COSTS (1,0	00 Dollars)	AND NUMBER	OF STRUCTU	RES					-
Item No. from Table C															
7. R.R. grade separations Cos	t _	113	_	_	_	57	_	_	_	_	_	_	58 🤄		589
No. for which costs estimated	_	1	-	_	_	1	_			_	_	_	6		0
No. in service - cost = zero	_			_	_	_	_	_	_		_	_		-	
No. in authorized status - cost = zero	_	_	_	_	_	_		_	_	_	_	_	_	disc	_
8. Highway grade separations without						ļ					1		_		
ramps Cos	t _	_	_	216	_	_	_		_	_	_	_	795	21	1011
No. for which costs estimated	_	_	_	2	_		_	_	_	_	_	_	13	1-	15
No. in service - cost = zero	_	_	_		_	_	_	_	_		_	_		1-	
No. in authorized status - cost = zero	_	_	_	_	_	_	-	_	_	-		_	_		_
9. Interchanges, complete Cos	t _	_	202	_	217	150	_		_		191	-	5134	w-w	5134
No. for which costs estimated			1	_	7	7	_		_		1	_			+
No. in service - cost = zero	_	_		_			_	_	_	_		_	30	-	30
No. in authorized status - cost = zero	_	_	_	_	_	_	_	_	_	_	_	_	_		_
	_		_	_		_	_	_	-	_	_		_		_
10. Other bridges: tunnels Cos	t 1203	_	_	87	_	67	_	_	1.04	_	110	_	4914		5061
No. for which costs estimated	1	_		1.	-	1	_	_	2	_	7	_	40		50
No. in service - cost = zero	-	_	→	_	_	_	_	_	_	-		_	_		
No. in authorized status - cost = zero		_	_	_	_	_	_	_	_	_	_	_	_		_
Total structures Cos	t 1203	113	202	202	217	001			701		202		11492	31)	11795
	1203			303	41/	274	-		104		301				
No. for which costs estimated	1	1	1	3	1	3	-	-	2		2	_	98		101
No. in service - cost = zero No. in authorized status - cost = zero	_	-	_	-	_	_	_	-	_	-	-	_	_		_
NO. IN BULNOFIZED STATUS - COST = Zero	_	_	4-70	_	_	_	_	-	_	-	_	-	-		_
								1							
		1		L.	1			1							(

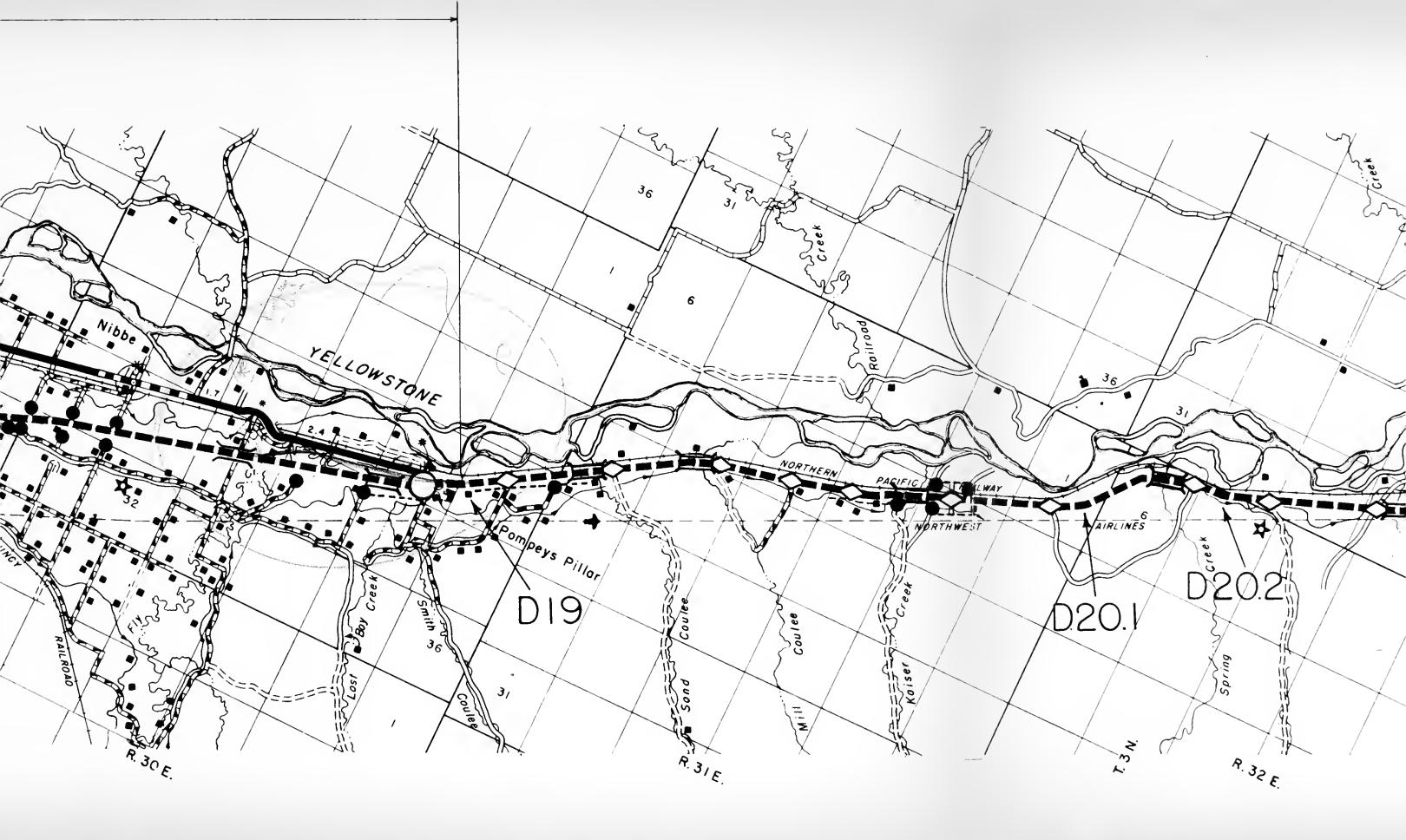
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	State: Na	me and Intle		

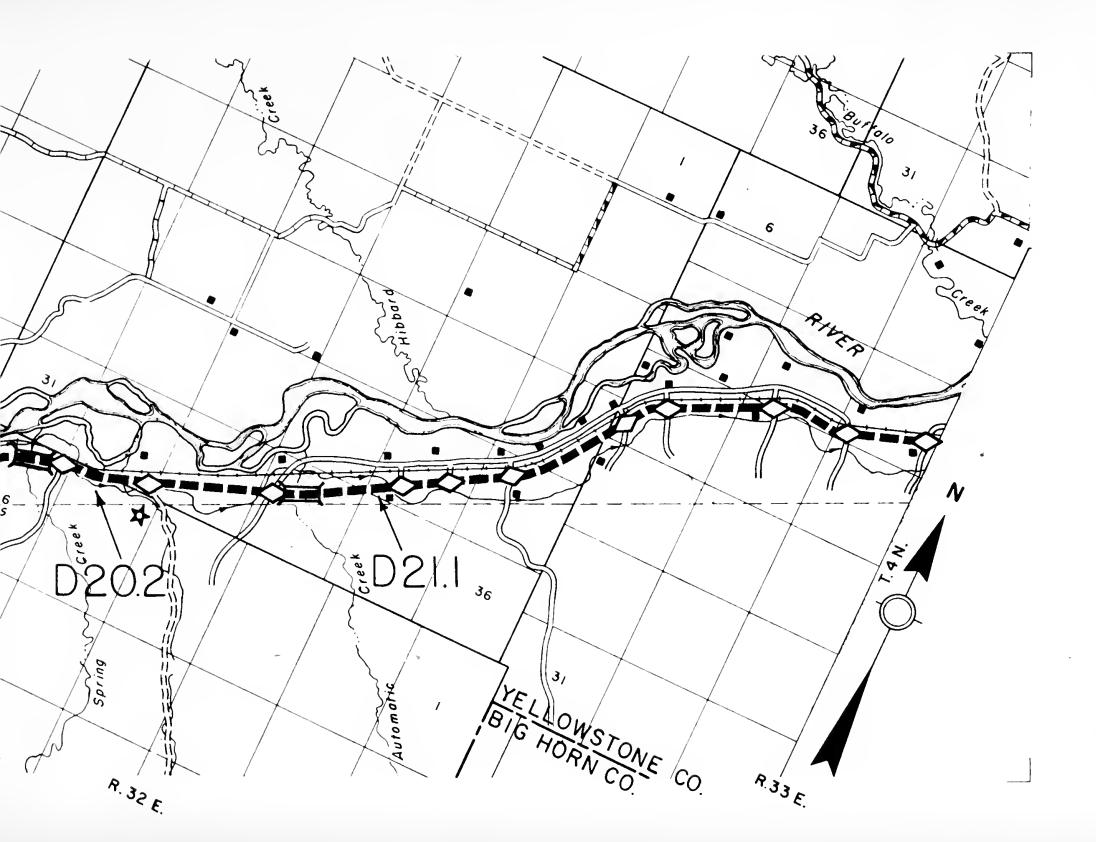
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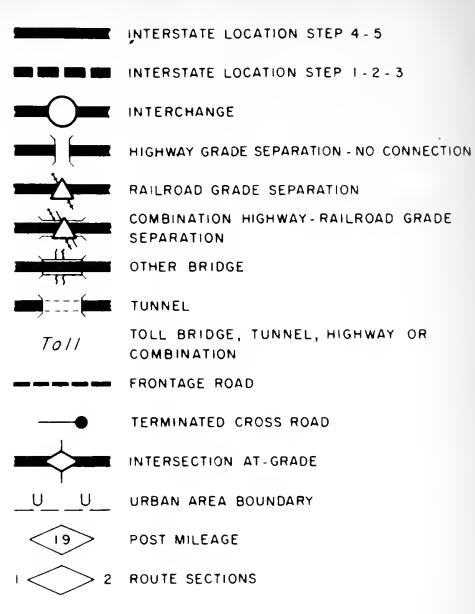
BPR Division Engineer

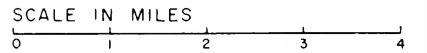










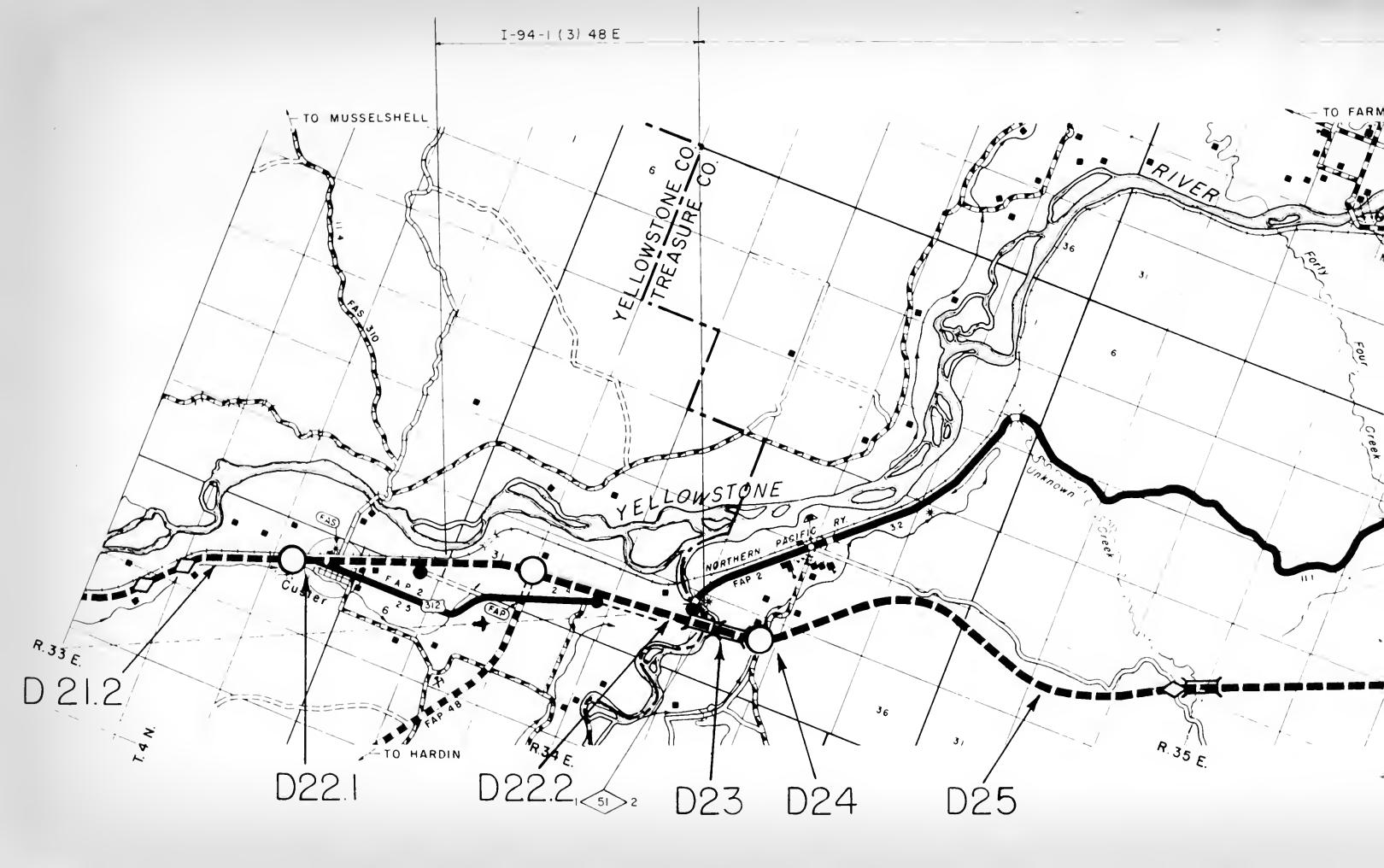


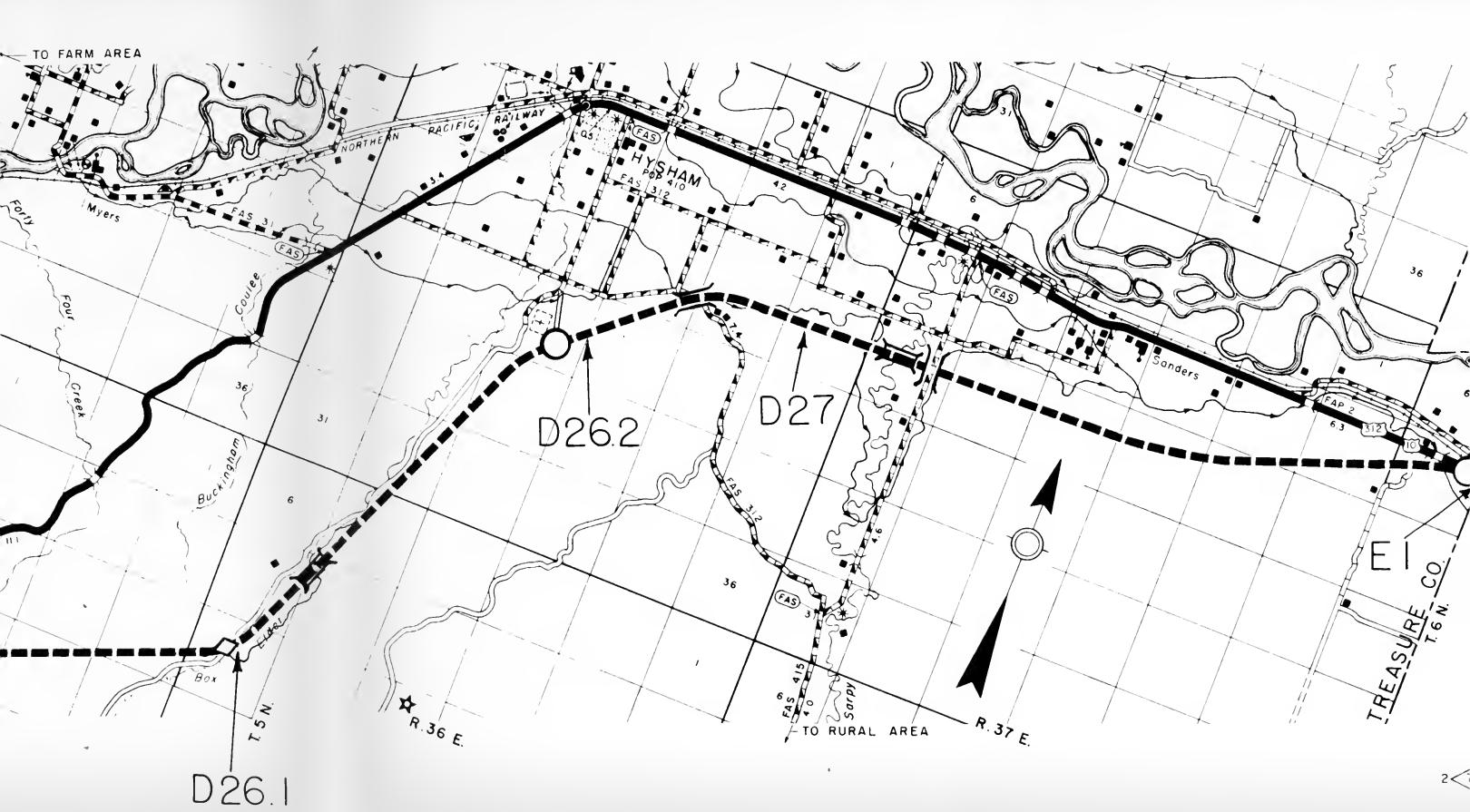
MONTANA

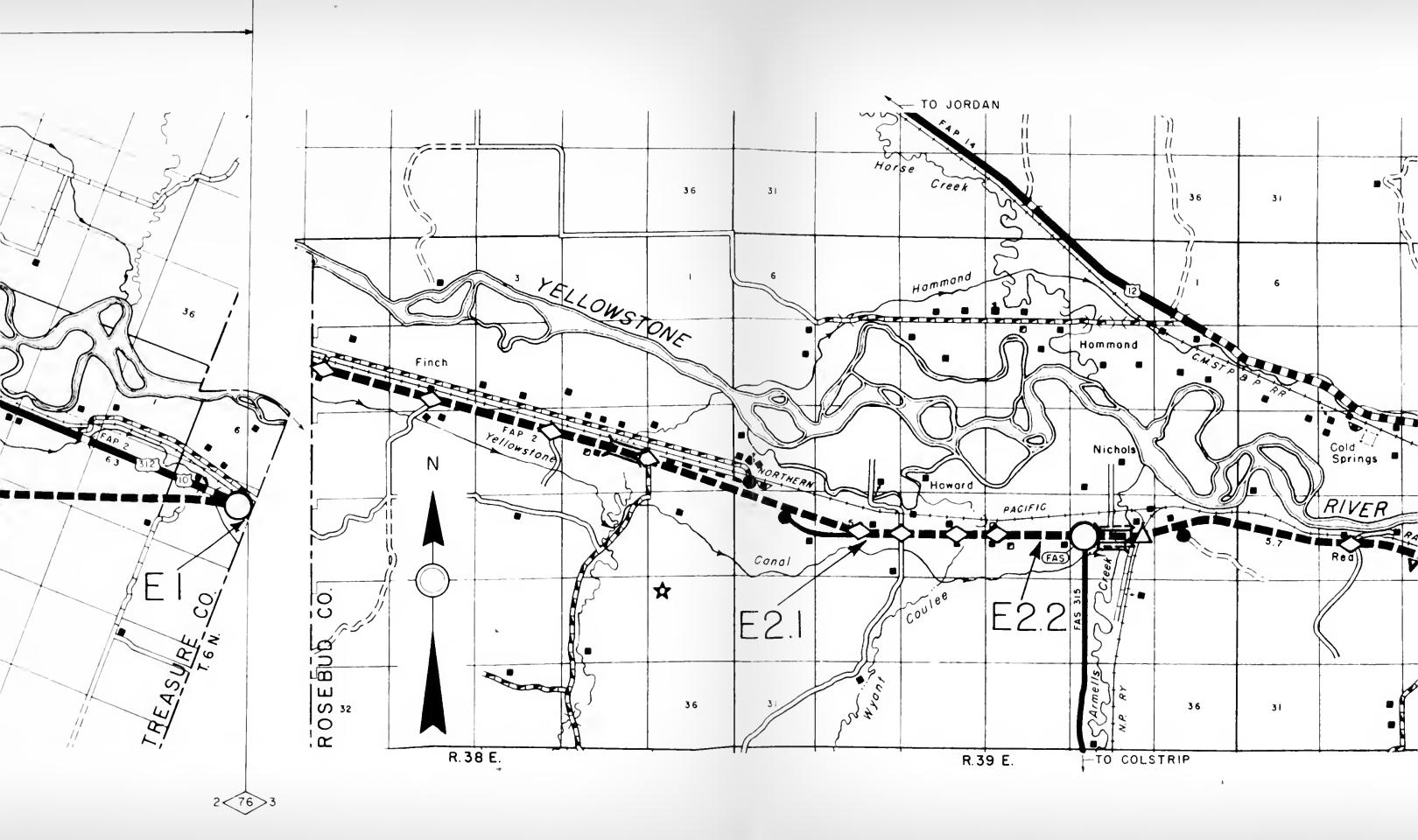
INTERSTATE ROUTE 94 (101)

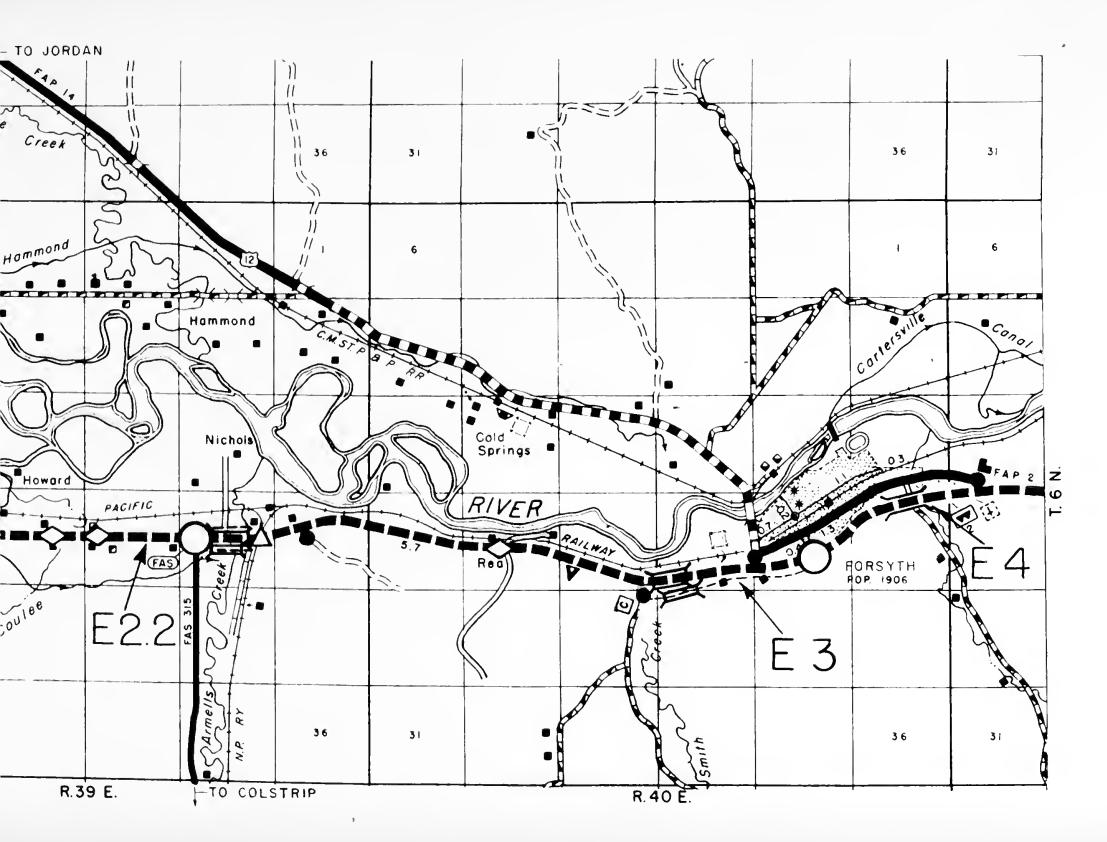
Sheet I of 5

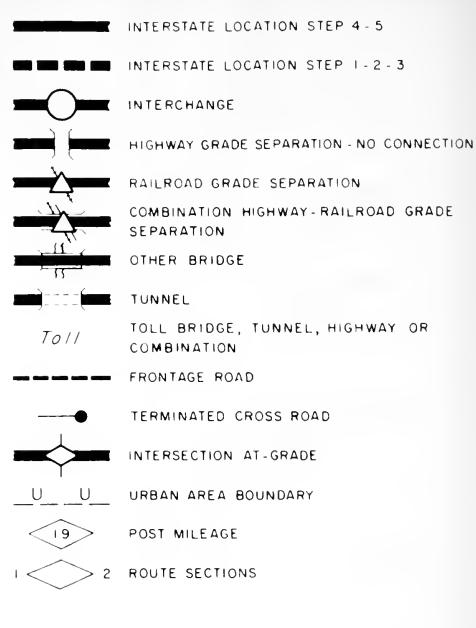
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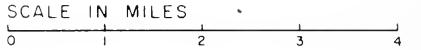










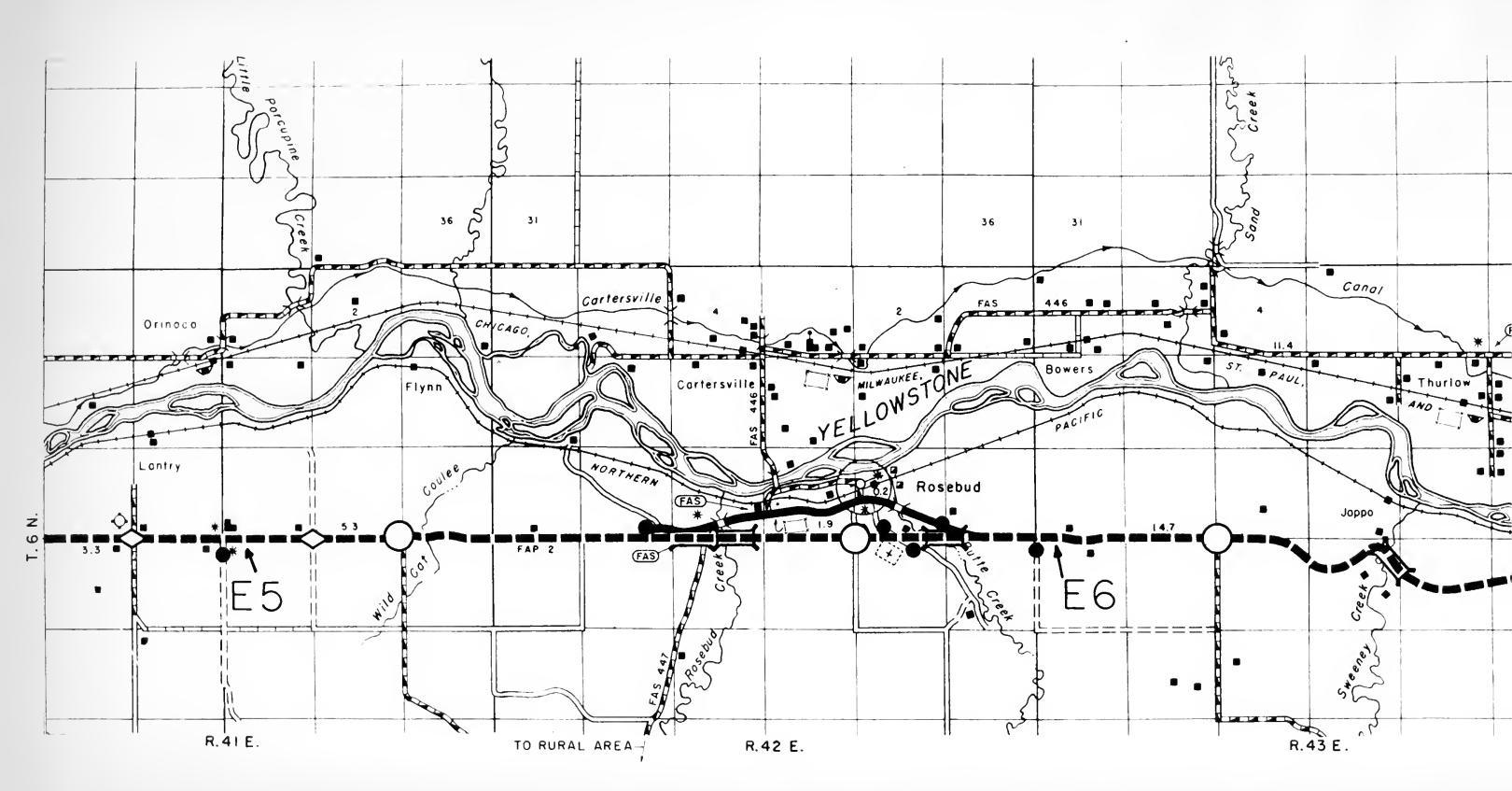


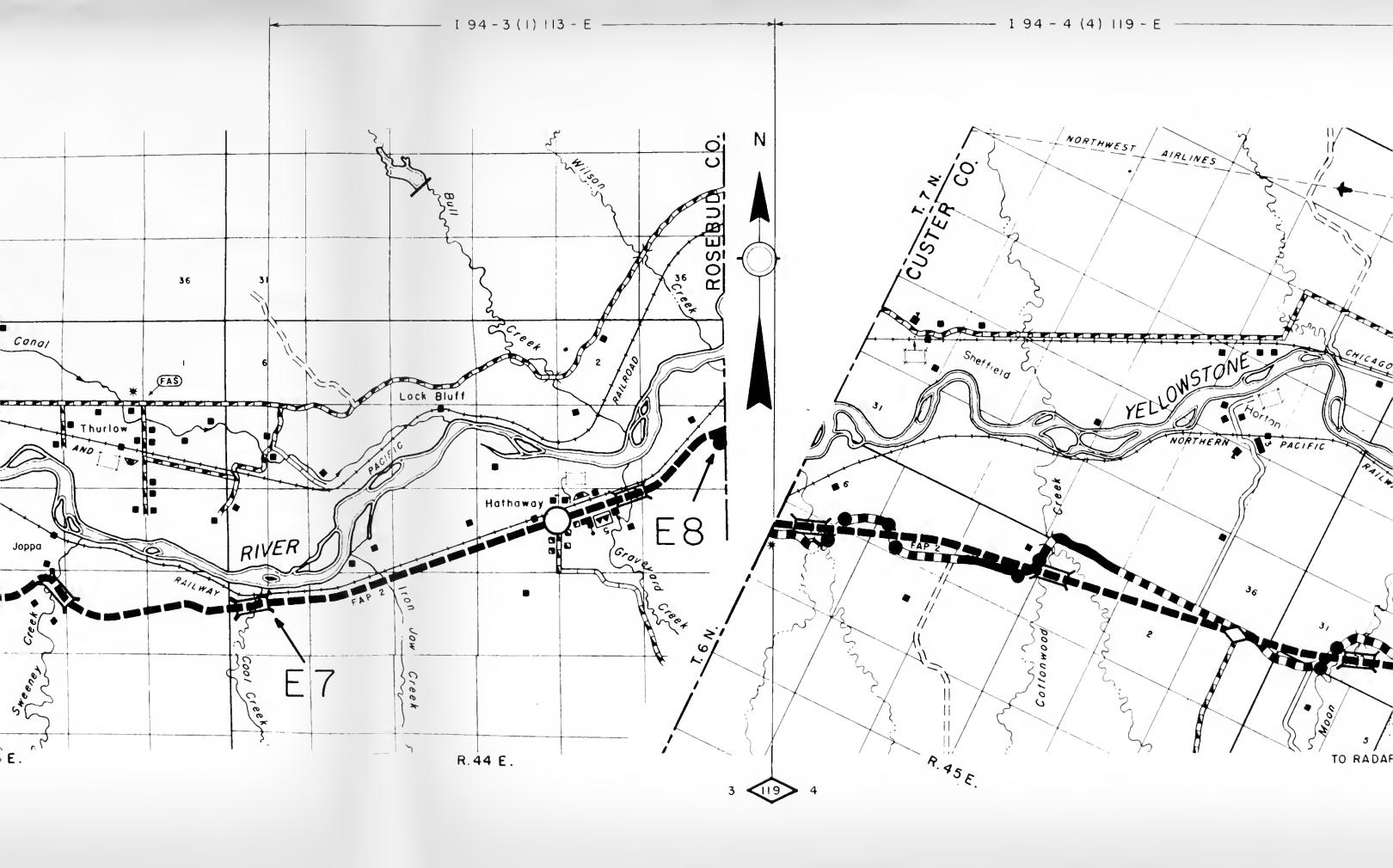
MONTANA

INTERSTATE ROUTE 94 (101)

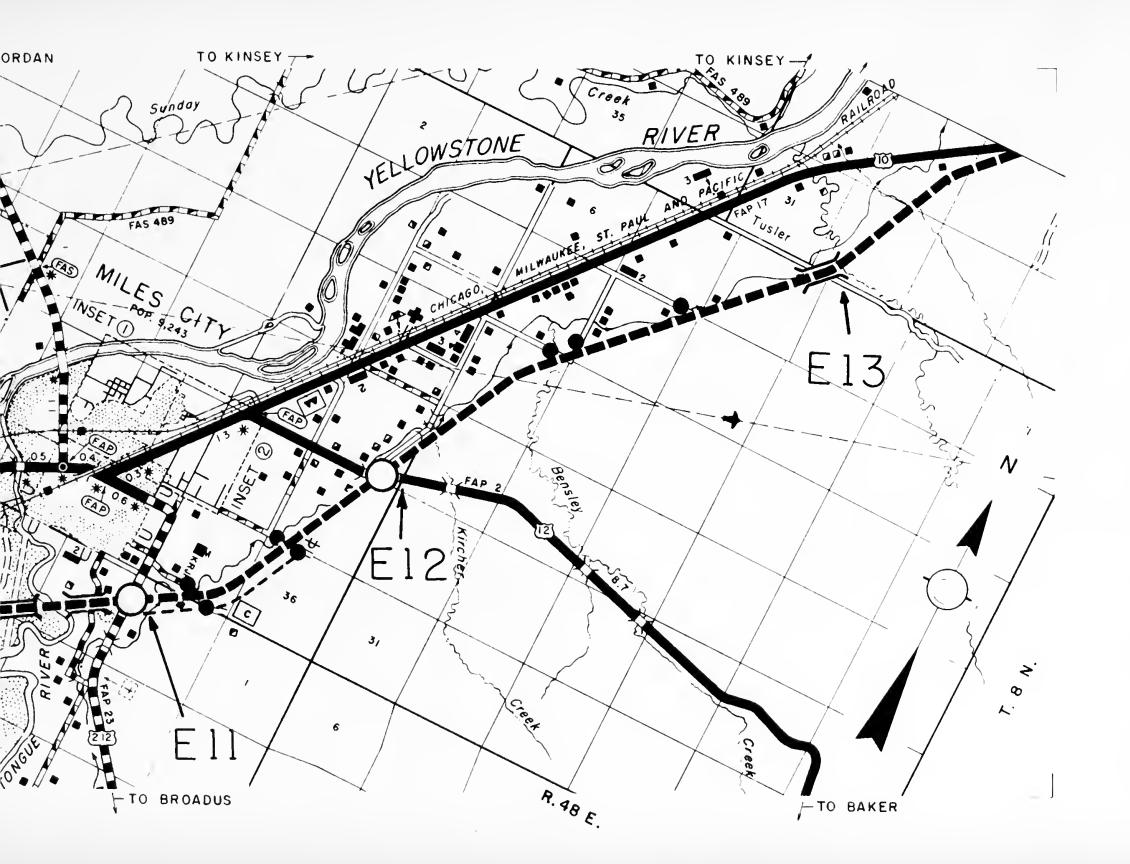
Sheet 2 of 5

Date January I, 1960

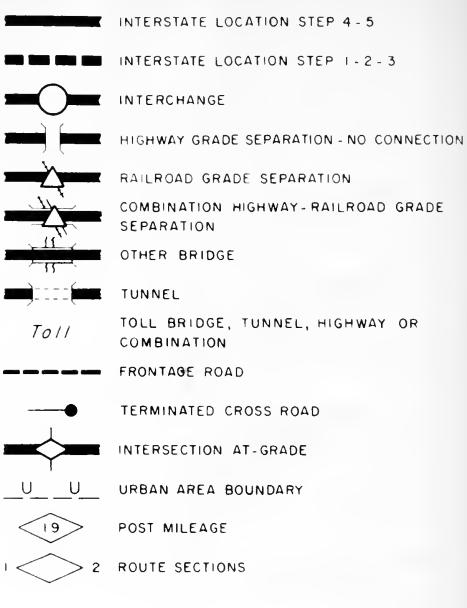


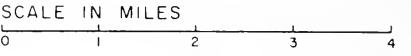


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LEGEND FOR INTERSTATE ROUTES



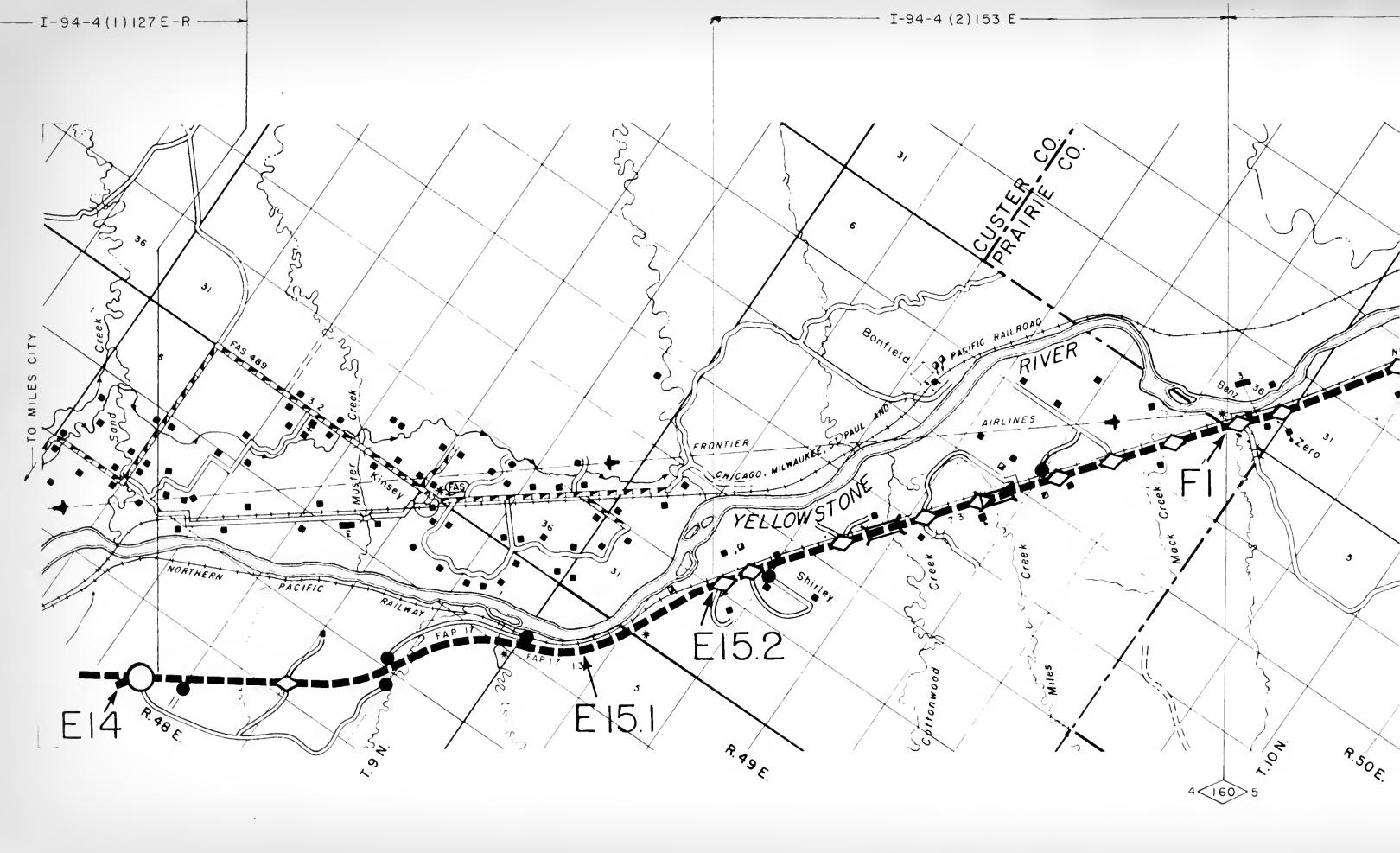


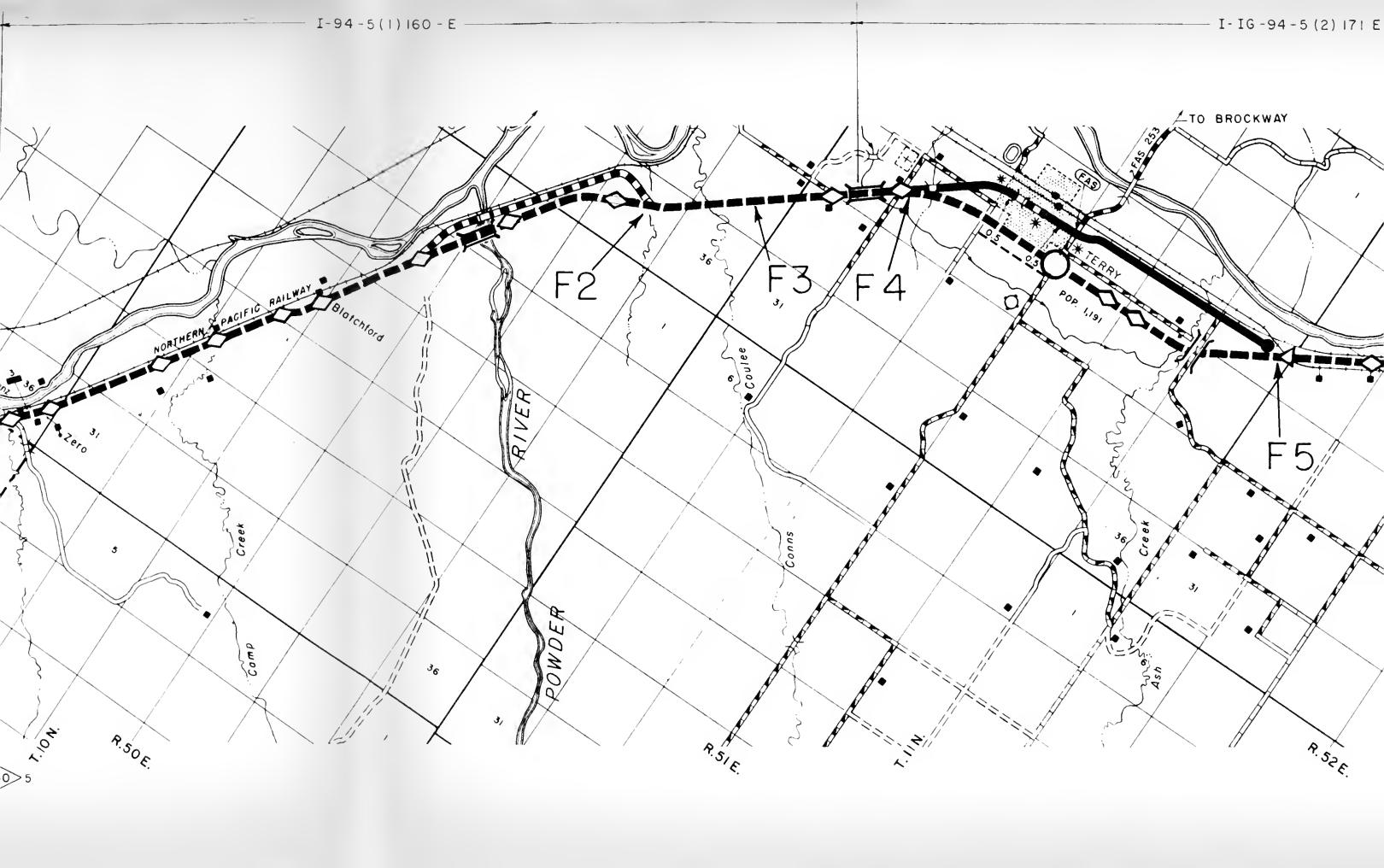
MONTANA

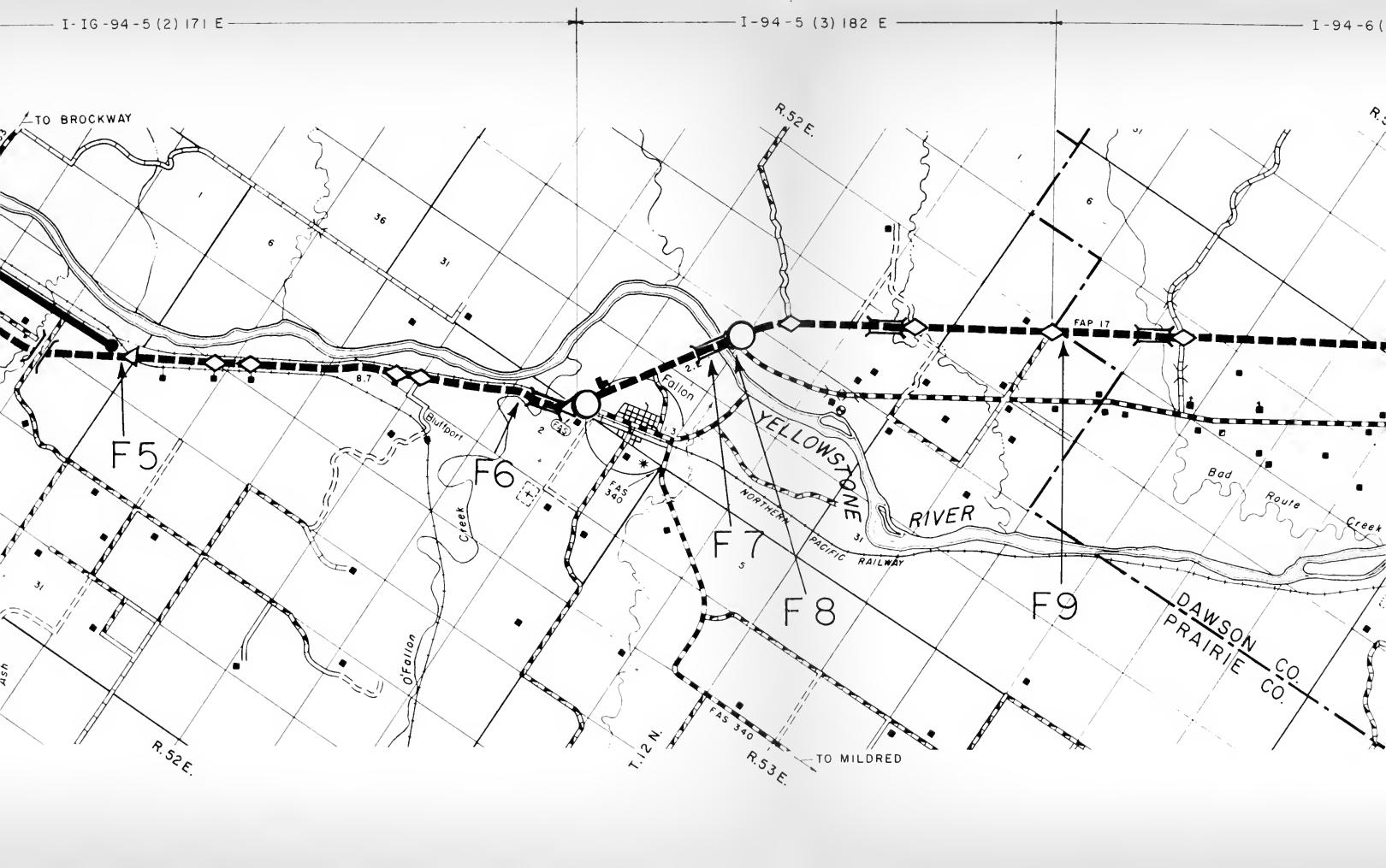
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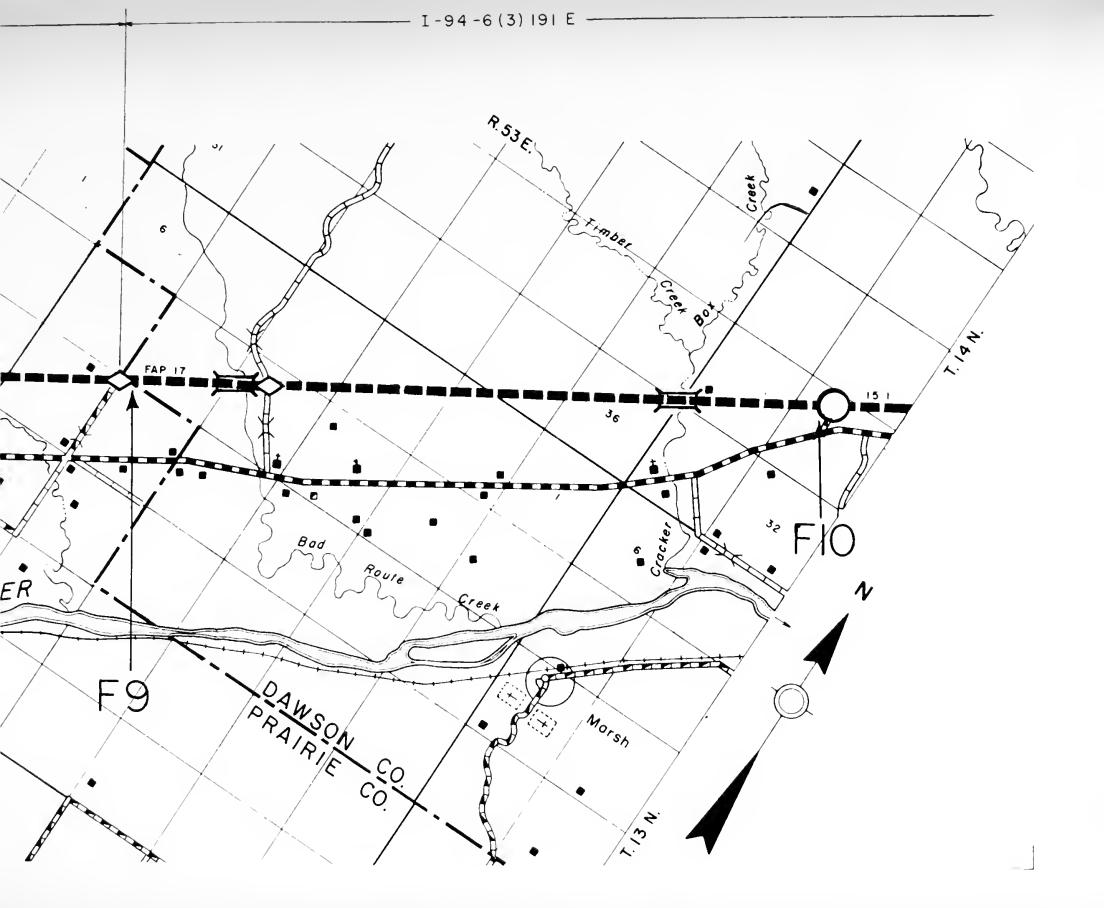
Sheet 3 of 5

Date January I, 1960

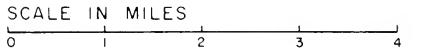








INTERSTATE LOCATION STEP 4 - 5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS

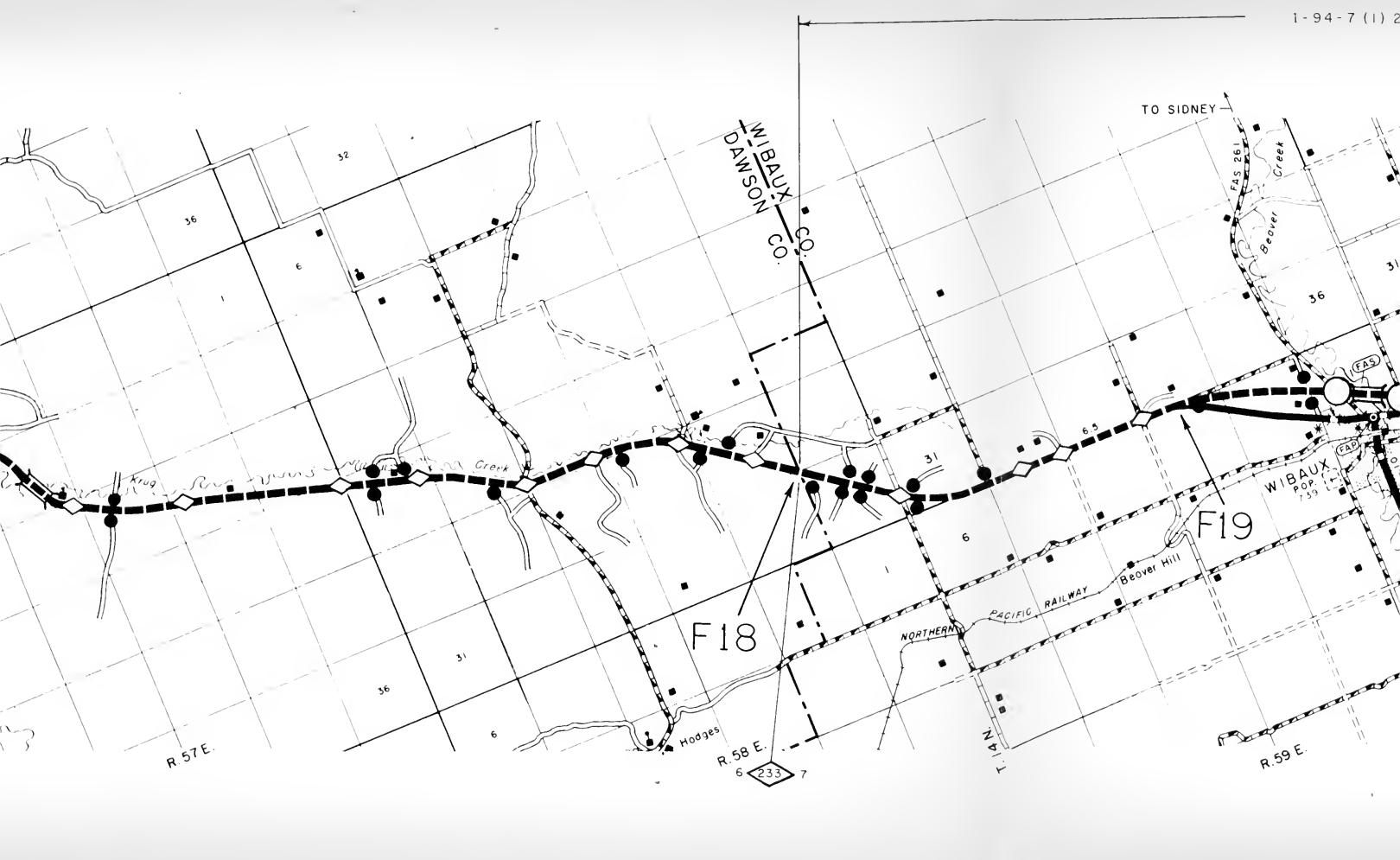


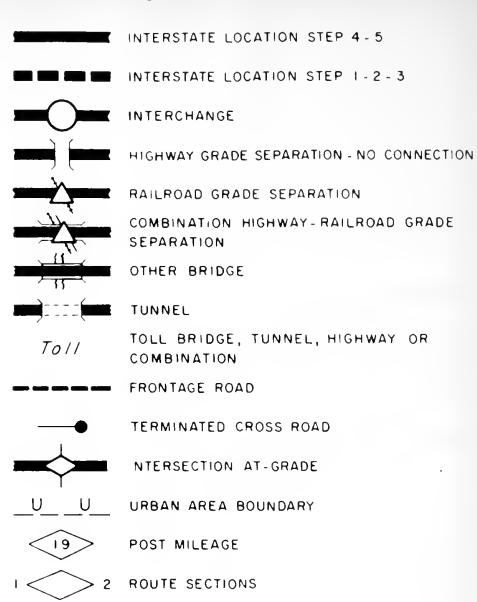
MONTANA

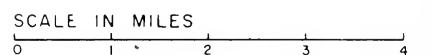
INTERSTATE ROUTE 94 (101)

Sheet 4 of 5

Date January 1, 1960







MONTANA

INTERSTATE ROUTE 94 (101)

Sheet 5 of 5

Date January 1, 1960

TABLE	В	_	DESIGN	CLASSIFICATION	BY	ROUTE	NUMBERS
-------	---	---	--------	----------------	----	-------	---------

STATE MONTANA	•	115
---------------	---	-----

Old Interstate route number	104	104					
Route identification (Code 1 of 2)	1	1					
Section	Kl.1-Kl.2	Kl.2-K2					
I T E M 1. Section length, miles	0.3	1.1					1
2. Class - rural or urban 3. Location - existing, new or toll 4. Traffic: ADT 1958 5. Traffic: ADT 1975 6. Traffic: DHV 1975 7. Directional distribution factor (D),1975 8. Percent trucks (T),1975 9. Design speed (V) 10. Number of through traffic lanes		U E 2100 5400 660 65% 50 4					
11. Mileage without frontage roads 12. Mileage with frontage road one side only 13. Mileage with frontage road on both sides	0.3	1.1					1
14. Typical cross-section reference 15. Right-of-way width: minimum	40 300	42 200					
prevailing	300	300					
16. Median width: minimum	76	12					
prevailing	76	12					

Signatures:		Date
J	State: Name and Title	
		Date
	BPR Division Engineer	

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE	MONTANA	NEW INTERSTATE ROUTE NO. 115	_

Old Interstate route number	104	104											
Route identification (Code 1 or 2)	1	1									Subt	otal	Total
Section	Kl.1-Kl.2	Kl.2-K2									Rural	Urban	For doute
Section length, miles (0.1 mile)	0.3	1.1									0.3	1.1	1.4
Class: Rural or Urban	R	Ü											
Location: Existing, new, or toll	E	E											
No. Lanes to be constructed this estimate		4					· · · · · · · · · · · · · · · · · · ·						
No. through traffic lanes	4	4											
Finance code	22	22											
WORK CLASSIFICATION			ESTIMATED	COSTS (1,000 Dollars)								
			1	1	1	1		1			ı		
1. Preliminary engineering	3	7				1					3	7	10
2. Right-of-way	100	200									 100	200	300
3. Clear & grub; demolition	-	-				11				Í	-	-	-
4. Utility adjustments	_	-									-	- !	-
5. Grade & Drain; minor structures	3	-								1	3	_	3
6. Base; surfacing; shoulders	25	62								Ì	25	62	87
7. R.R. grade separations	-	-									-	-	-
8. Highway grade separations without ramps	-	-		-							-	-	-
9. Interchanges, complete	-	-				1					-	-	-
10. Other bridges; tunnels	-	-	ł							Ì	-	-	-
11. Walls	-	-									-	-	-
12. Guardrail; fencing; lighting; traffic											_		
control devices	38	91				1					38	91	129
13. Roadside improvement	2	3		ŀ		1					2	3	5
14. All other items	68	156				ļi		<u> </u>	 		 -	-	
15. Subtotal, lines 3 to 14		1 720								1	68	156	224
16. Construction Engineering & Contingencies,	2	16									2	16	22
10% of line 15	178					1 1		1			 (23
17. Total Estimated Cost	1/0	379									178	379	557

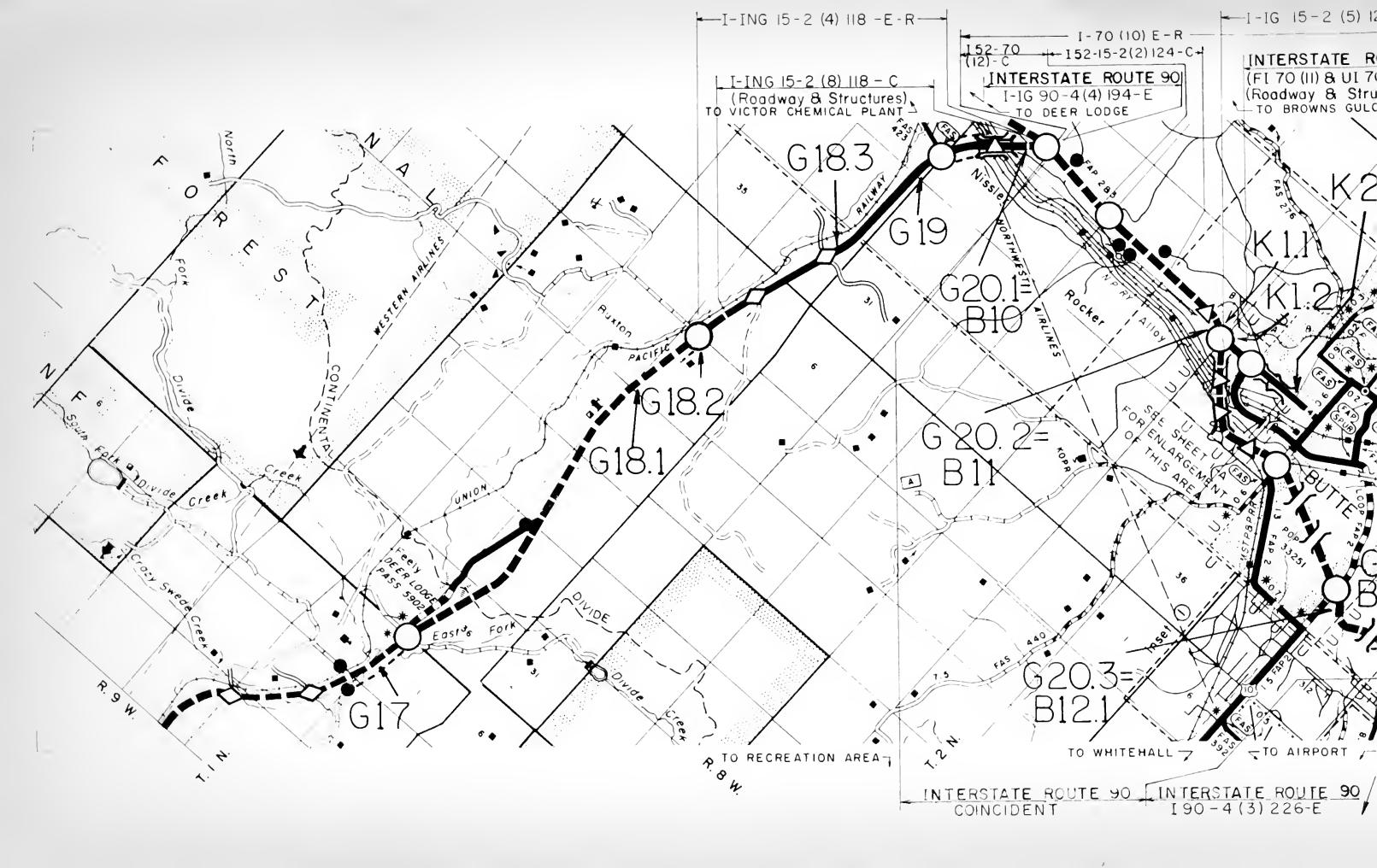
Signatures:		Date
	State: Name and Title	
		Dat-
	BPR Division Engineer	

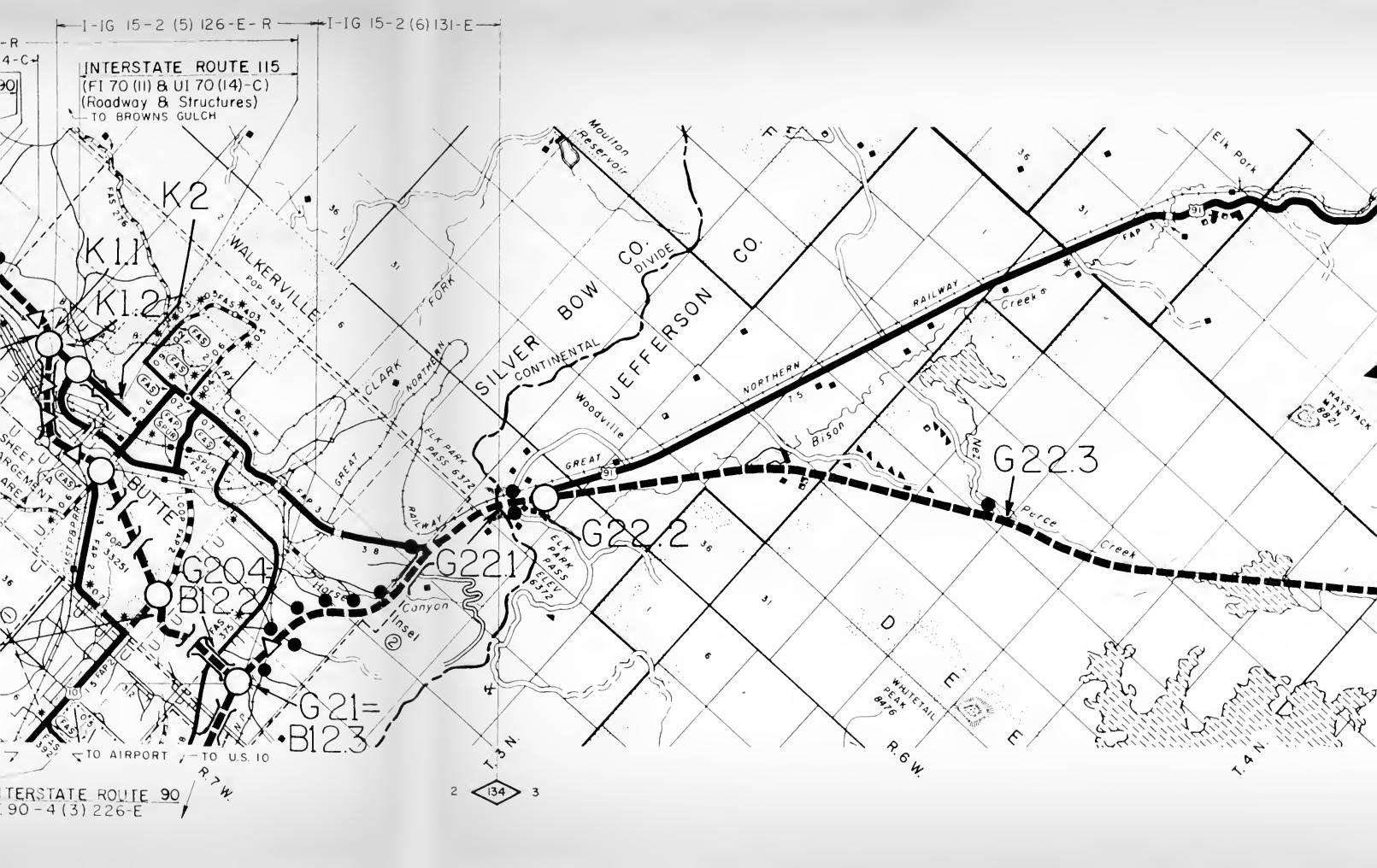
TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

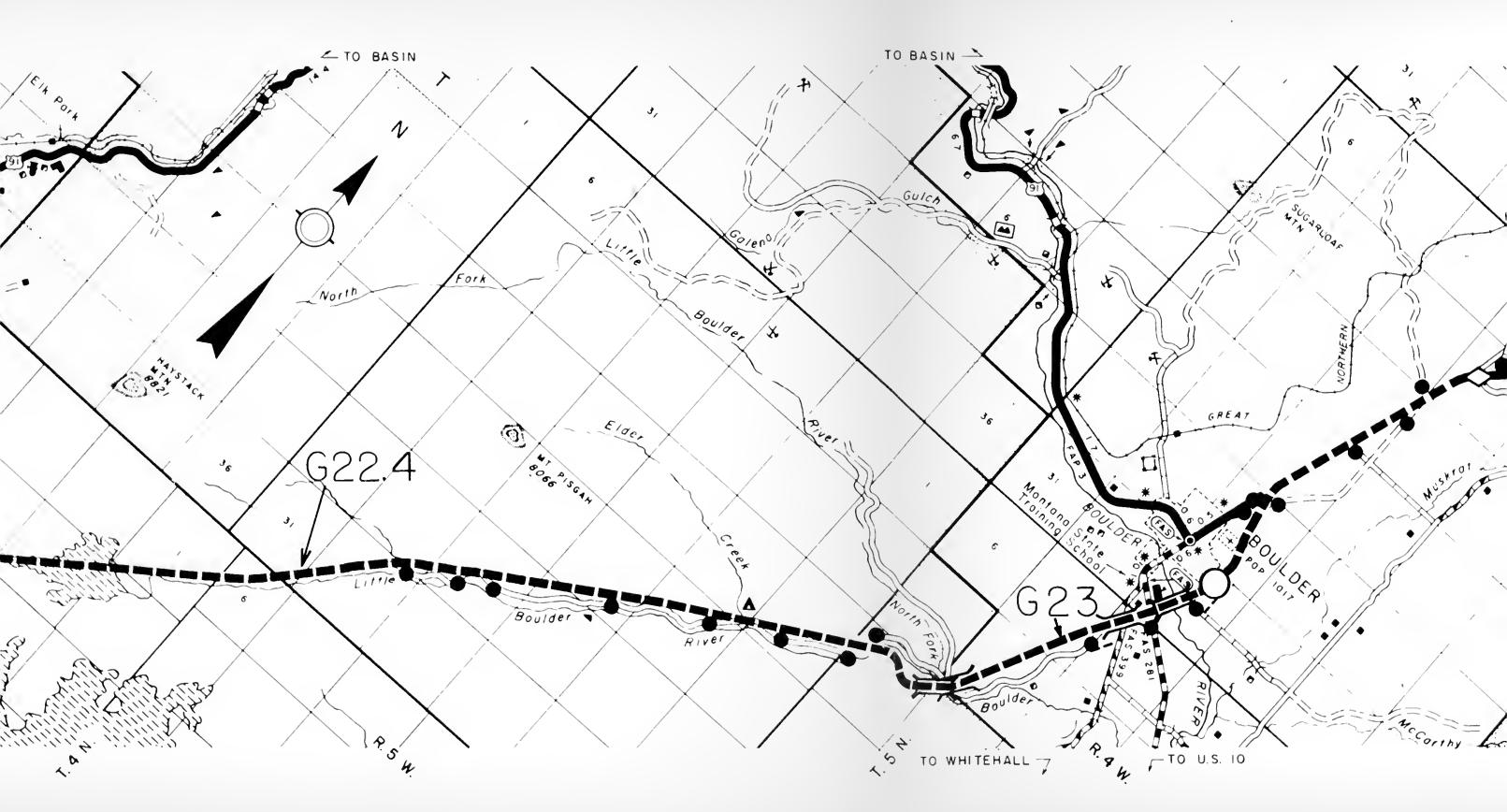
BY ROUTE SECTIONS WITH ROUTE TOTALS

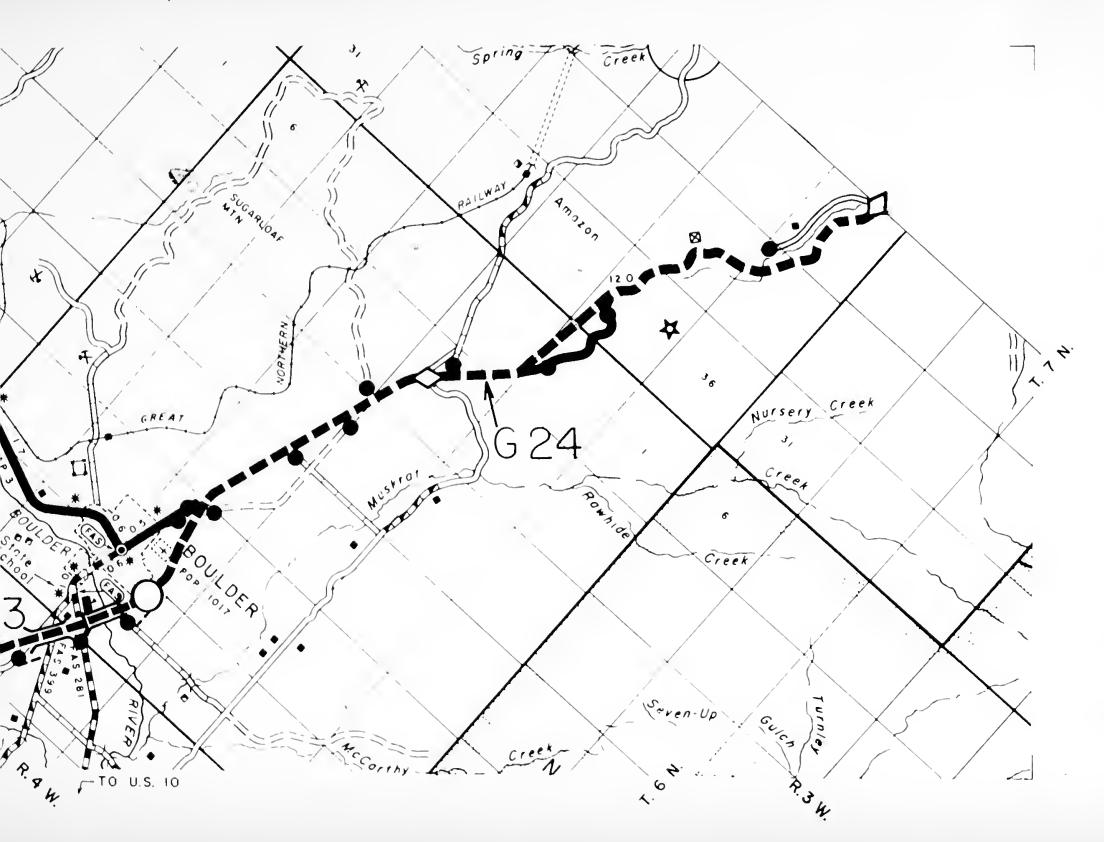
NEW INTERSTATE ROUTE NO. 115 STATE MONTANA 104 Old Interstate route number Subtotal Total Route identification (Code 1 or 2) Urban Kl.1-Kl.2 Kl.2-K2 Rural For Route Section Section length, miles (0.1 mile) 1.1 1.4 0.3 0.3 Class: Rural or Urban E E Location: Existing, new, or toll No. Lanes to be constructed this estimate 4 4 No. through traffic lanes Finance code 22 22 ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 8. Highway grade separations without ramps Cost No. for which costs estimated 2 No. in service - cost = zero No. in authorized status - cost = zero 9. Interchanges, complete Cost No. for which costs estimated No. in service - cost = zero 1 No. in authorized status - cost = zero 10. Other bridges: tunnels Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero Total structures Cost No. for which costs estimated 3 No. in service - cost = zero No. in authorized status - cost = zero

Signatures:		Date
Ü	State: Name and Titl	е
	BPR Division Engineer	Date

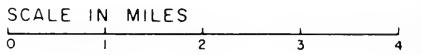








INTERSTATE LOCATION STEP 4 - 5 INTERSTATE LOCATION STEP 1-2-3 INTERCHANGE HIGHWAY GRADE SEPARATION - NO CONNECTION RAILROAD GRADE SEPARATION COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION OTHER BRIDGE TUNNEL TOLL BRIDGE, TUNNEL, HIGHWAY OR To11 COMBINATION FRONTAGE ROAD TERMINATED CROSS ROAD INTERSECTION AT-GRADE URBAN AREA BOUNDARY POST MILEAGE 2 ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 15 (102)
Sheet 3 of 8
Date January I, 1960
INTERSTATE ROUTE 115 (104)
(COMPLETE ROUTE ON THIS SHEET.)

TABLE C - COST ESTIMATE BY ROUTE SECTIONS WITH ROUTE TOTALS

STATE	MONTANA	NEW INTERSTATE ROUTE NO.	315

Old Interstate route number	105	105										
	1	1				†				Subto	tal	Total
Route identification (Code 1 or 2)	11-12	L2-L3				<u> </u>			Ru	ral	Urban	For doute
Section Section length, miles (0.1 mile)	0.8	0.2								0.8	0.2	1.0
Class: Rural or Urban	R	U										
Location: Existing, new, or toll	E	E										
No. lanes to be constructed this estimate	+	4				† · · - ·						
	4	4				 						
No. through traffic lanes	22	22				 						
Finance code NORK CLASSIFICATION	22	- 22	FSTIMATED	COSTS (1 C	000 Dollars)							
WORK CLASSIFICATION			ENTITION LED	(1,0	oo bollars,							
D limina m. angina gring	_	_		1	1		1			-	-	_
Preliminary engineering	88	22							80	3	22	110
. Night-of-way . Clear & grub; demolition						 				-	-	_
	11	3									3	14
Utility adjustments	92	24				1			92		24	116
Grade & Drain; minor structures	177	46				1			17		46	223
Base; surfacing; shoulders	58	~~							51		_	58
R.R. grade separations	108	_]		}		1	100	3	_	108
Highway grade separations without ramps	100	-		1							_	_
Interchanges, complete	-	-								_	_	_
Other bridges; tunnels	-	-								_	_	_
Walls	-	-				1		1]	_		
Guardrail; fencing; lighting; traffic	01.	20		1		1			8	.	32	116
control devices	84	32			1					,	1	3
Roadside improvement	4	1 1						!			_	
All other items	522	106				 		- - 	532	,	106	638
Subtotal, lines 3 to 14	532	100)),	_	100	
Construction Engineering & Contingencies,	53	l u							51	3	11	64
10% of line 15									67.		139	812
. Total Estimated Cost	673	139			1	1		l	07.	,	エノフ	OIL

Signatures:			Date
	State: Nam	e and Title	
			Date

BPR Division Engineer

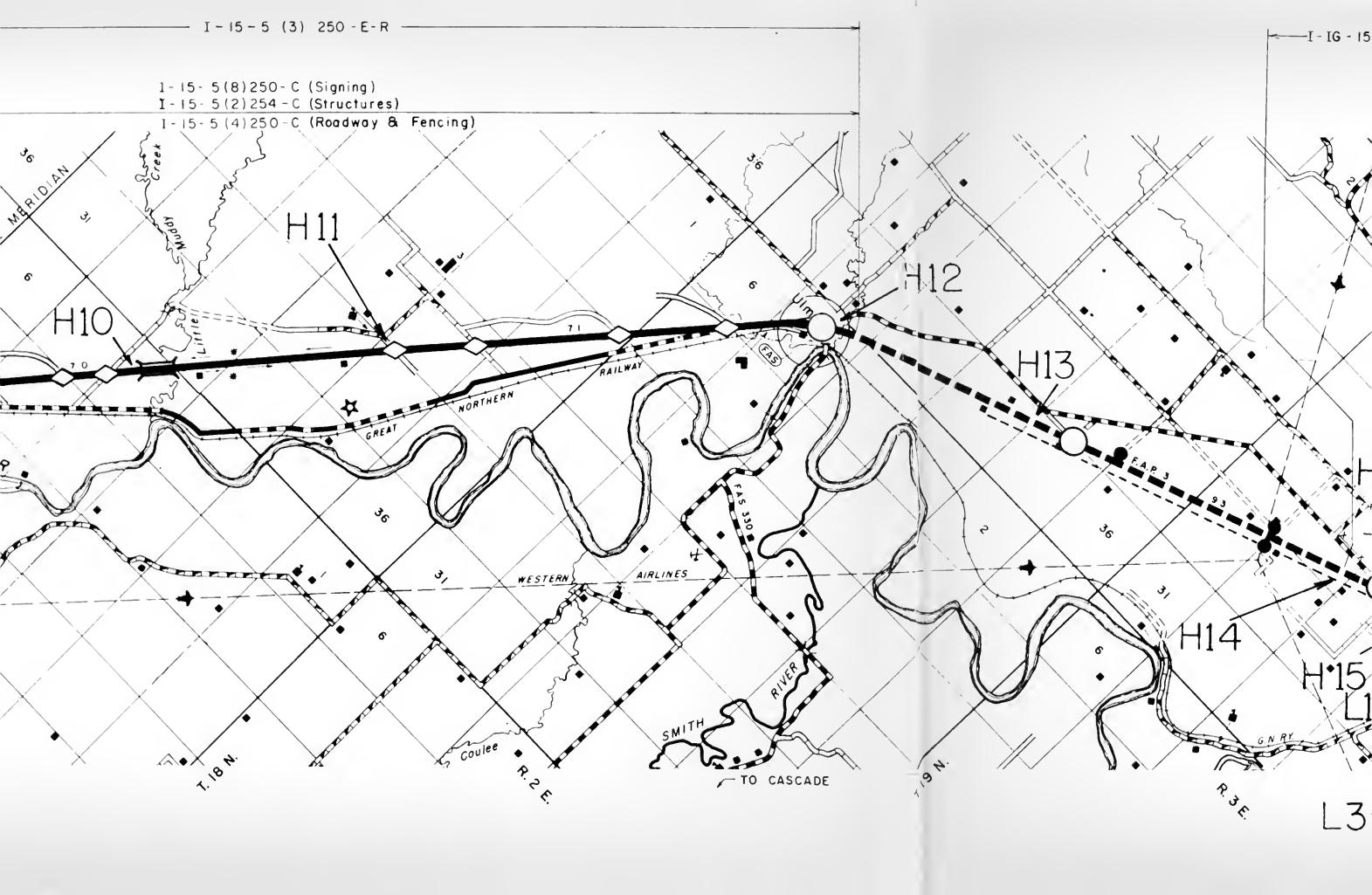
TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES

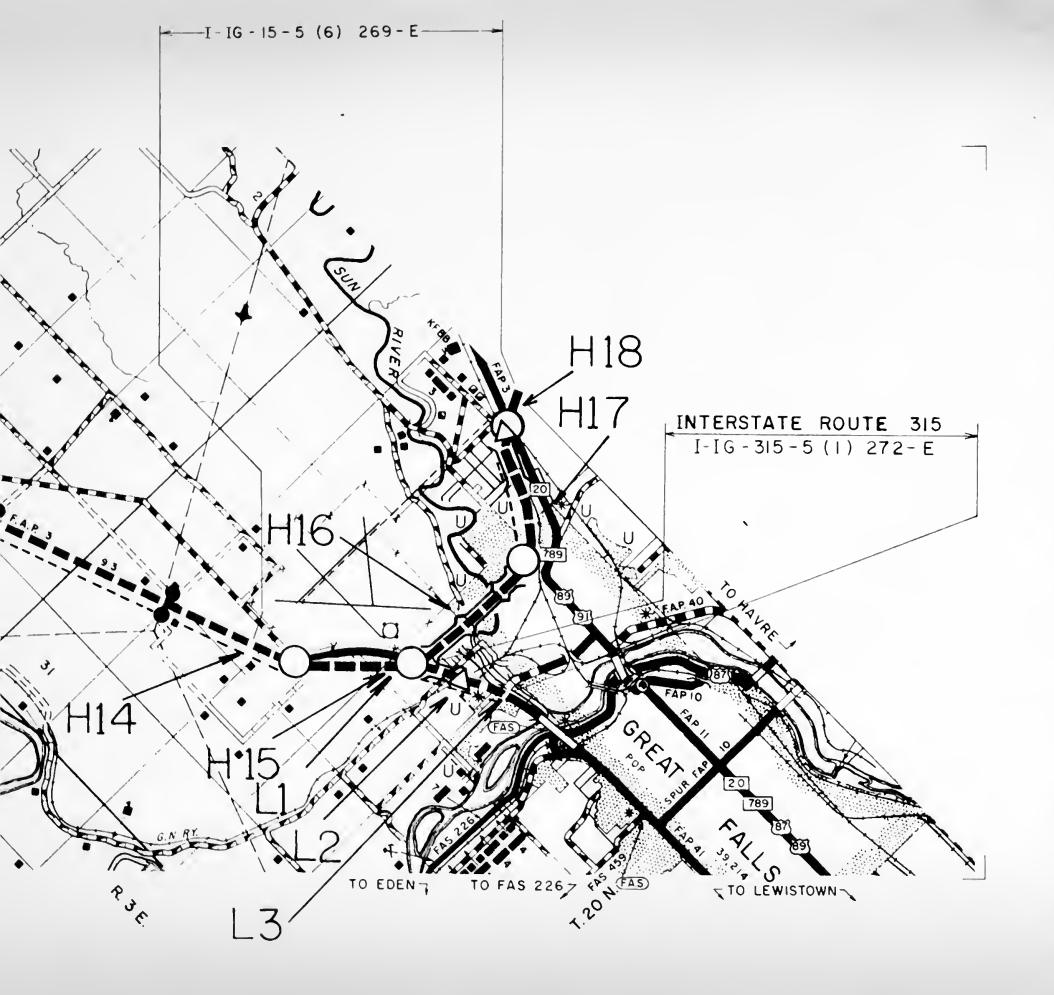
BY ROUTE SECTIONS WITH ROUTE TOTALS

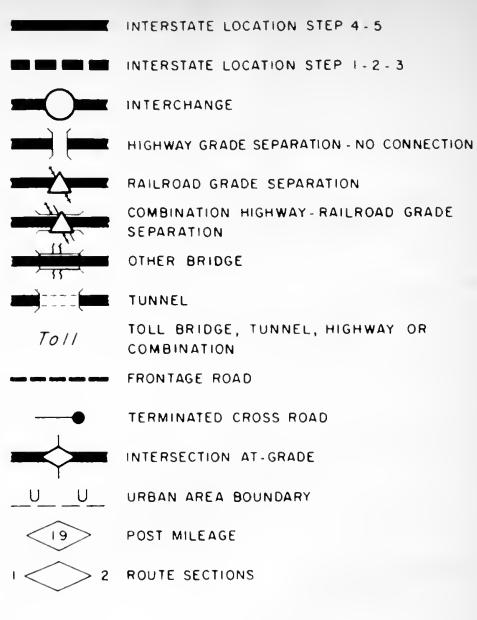
NEW INTERSTATE ROUTE NO. STATE MONTANA 105 105 Old Interstate route number Subtotal Total Route identification (Code 1 or 2 L2-L3 Urban For Route Rural L1-I2 Section Section length, miles (0.1 mile) 0.8 0.2 Class: Rural or Urban Location: Existing, new, or toll E 4 No. Lanes to be constructed this estimate 4 No. through traffic lanes lį 22 22 Finance code ESTIMATED COSTS (1,000 Dollars) AND NUMBER OF STRUCTURES WORK CLASSIFICATION Item No. from Table C 58 7. R.R. grade separations Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost - zero 8. Highway grade separations without 108 108 108 ramps Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost - zero 9. Interchanges, complete Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 10. Other bridges: tunnels Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero 166 166 166 Total structures Cost No. for which costs estimated No. in service - cost = zero No. in authorized status - cost = zero

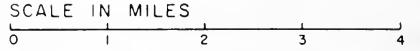
Date
<u> </u>

Signatures:









MONTANA

INTERSTATE ROUTE 15 (102)
Sheet 5 of 8
Date January I, 1960
INTERSTATE ROUTE 315 (105)
(COMPLETE ROUTE ON THIS SHEET.)

STATE MONTANA

NEW INTERSTATE ROUTE NUMBER		15		9	90 94		115		315		Subtotal		_	
	Rural or Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Totals
	length, miles	379.9	7.1	539•3	3.5	245.1	1.7	0.3	1.1	0.8	0.2	1105.4	13.6	1179.0
	WORK CLASSIFICATION	ESTIM	ATED COST	s (1,000	Dollars)									
1. 2.	Preliminary Engineering Right-of-way	1409 7837	34 1865	1818 15027	2499	621 3497	11 200	3 100	7 200		22	3851 26549	52 4786	3903 31335
3.	Clear & grub; demolition	343		552		6						901		901
4.	Utility adjustments	1065	363	3435	51	1050	12			11	3	5561	429	5990
5.	Grade & drain; minor structures	36299	687	55911	666	13075	124	3		92	24	105380	1501	106881
6.	Base; surfacing; shoulders	24624	742	42583	744	15471	168	25	62	177	46	82880	1762	84642
7.	R. H. grade separations	1688	724	6460	115	589	{			58		8795	839	9634
8.	Highway grade separations without ramps		318	3043		795	216			108		5491	534	6025
9.	Interchanges, complete	9390	1085	15438	511	5134						29962	1596	31558
10.	Other bridges; tunnels	3752	546	11956	157	4974	87	}				20682	790	21472
11.	Walls													
12.	Guardrail; fencing; lighting; traffic	153/	610	1210	20.	0/07		0.0		21	2.5	300.10	1051	11/12
3.0	control devices	45 16	719	6169	334	2601	78	38	91	84	32	13378	1254	14652
13.	Roadside improvements	1144	19	170/4	10	801	5	2	3	2	1	3653	38	3691
14.	All other items	223		392		150						765		755
15.	Subtotal, lines 3 to 14	84579	5203	147643	2588	44646	690	68	156	532	106	277468	8743	286211
16.	Construction Engineering & Contingencies 10% line 15	8457	521,	14764	2 5 9	11464	69	7	16	53	11	27745	876	28 621
17.	Total Estimated Cost	102282	7623	179252	5346	53228	970	178	379	573	139	335613	14457	350070
18.	Route Total, Hural plus Urban	109	905	184	598	5/1	198	55	7	.38	12			350070

Signatures:				Date	
	State	Name	Title		
				Date	

BPR Division Engineer

